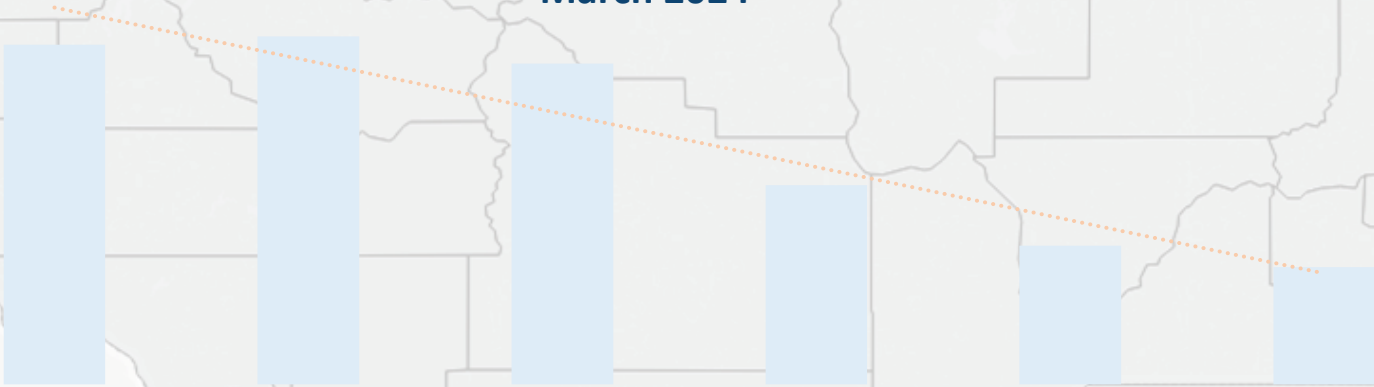


2012-19 and 2021-22 County Uninsured Rates Chart Book: Washington State

OFM Health Care Research Center

March 2024



County Uninsured Rates, Washington State, 2012-19 and 2021-22

| | |
|---|----|
| Figure 1 - County Uninsured Rates (%), 2012 | 1 |
| Figure 2 - County Uninsured Rates (%), 2013 | 2 |
| Figure 3 - County Uninsured Rates (%), 2014 | 3 |
| Figure 4 - County Uninsured Rates (%), 2015 | 4 |
| Figure 5 - County Uninsured Rates (%), 2016 | 5 |
| Figure 6 - County Uninsured Rates (%), 2017 | 6 |
| Figure 7 - County Uninsured Rates (%), 2018 | 7 |
| Figure 8 - County Uninsured Rates (%), 2019 | 8 |
| Figure 9 - County Uninsured Rates (%), 2021 | 9 |
| Figure 10 - County Uninsured Rates (%), 2022 | 10 |
| Figure 11 - Percent Uninsured, Adams County, 2012-19 and 2021-22 | 11 |
| Figure 12 - Percent Uninsured, Asotin County, 2012-19 and 2021-22 | 12 |
| Figure 13 - Percent Uninsured, Benton County, 2012-19 and 2021-22 | 13 |
| Figure 14 - Percent Uninsured, Chelan County, 2012-19 and 2021-22 | 14 |
| Figure 15 - Percent Uninsured, Clallam County, 2012-19 and 2021-22 | 15 |
| Figure 16 - Percent Uninsured, Clark County, 2012-19 and 2021-22 | 16 |
| Figure 17 - Percent Uninsured, Columbia County, 2012-19 and 2021-22 | 17 |
| Figure 18 - Percent Uninsured, Cowlitz County, 2012-19 and 2021-22 | 18 |
| Figure 19 - Percent Uninsured, Douglas County, 2012-19 and 2021-22 | 19 |
| Figure 20 - Percent Uninsured, Ferry County, 2012-19 and 2021-22 | 20 |
| Figure 21 - Percent Uninsured, Franklin County, 2012-19 and 2021-22 | 21 |
| Figure 22 - Percent Uninsured, Garfield County, 2012-19 and 2021-22 | 22 |
| Figure 23 - Percent Uninsured, Grant County, 2012-19 and 2021-22 | 23 |
| Figure 24 - Percent Uninsured, Grays Harbor County, 2012-19 and 2021-22 | 24 |
| Figure 25 - Percent Uninsured, Island County, 2012-19 and 2021-22 | 25 |
| Figure 26 - Percent Uninsured, Jefferson County, 2012-19 and 2021-22 | 26 |
| Figure 27 - Percent Uninsured, King County, 2012-19 and 2021-22 | 27 |
| Figure 28 - Percent Uninsured, Kitsap County, 2012-19 and 2021-22 | 28 |
| Figure 29 - Percent Uninsured, Kittitas County, 2012-19 and 2021-22 | 29 |
| Figure 30 - Percent Uninsured, Klickitat County, 2012-19 and 2021-22 | 30 |

| | |
|--|----|
| Figure 31 - Percent Uninsured, Lewis County, 2012-19 and 2021-22 | 31 |
| Figure 32 - Percent Uninsured, Lincoln County, 2012-19 and 2021-22 | 32 |
| Figure 33 - Percent Uninsured, Mason County, 2012-19 and 2021-22 | 33 |
| Figure 34 - Percent Uninsured, Okanogan County, 2012-19 and 2021-22 | 34 |
| Figure 35 - Percent Uninsured, Pacific County, 2012-19 and 2021-22 | 35 |
| Figure 36 - Percent Uninsured, Pend Oreille County, 2012-19 and 2021-22..... | 36 |
| Figure 37 - Percent Uninsured, Pierce County, 2012-19 and 2021-22 | 37 |
| Figure 38 - Percent Uninsured, San Juan County, 2012-19 and 2021-22 | 38 |
| Figure 39 - Percent Uninsured, Skagit County, 2012-19 and 2021-22..... | 39 |
| Figure 40 - Percent Uninsured, Skamania County, 2012-19 and 2021-22..... | 40 |
| Figure 41 - Percent Uninsured, Snohomish County, 2012-19 and 2021-22 | 41 |
| Figure 42 - Percent Uninsured, Spokane County, 2012-19 and 2021-22..... | 42 |
| Figure 43 - Percent Uninsured, Stevens County, 2012-19 and 2021-22..... | 43 |
| Figure 44 - Percent Uninsured, Thurston County, 2012-19 and 2021-22..... | 44 |
| Figure 45 - Percent Uninsured, Wahkiakum County, 2012-19 and 2021-22 | 45 |
| Figure 46 - Percent Uninsured, Walla Walla County, 2012-19 and 2021-22 | 46 |
| Figure 47 - Percent Uninsured, Whatcom County, 2012-19 and 2021-22 | 47 |
| Figure 48 - Percent Uninsured, Whitman County, 2012-19 and 2021-22 | 48 |
| Figure 49 - Percent Uninsured, Yakima County, 2012-19 and 2021-22..... | 49 |

Data Source and Notes

Appendix: County Uninsured Rates (Percent), Washington State, 2012-19 and 2021-22

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Figure 1 - County Uninsured Rates (%), 2012

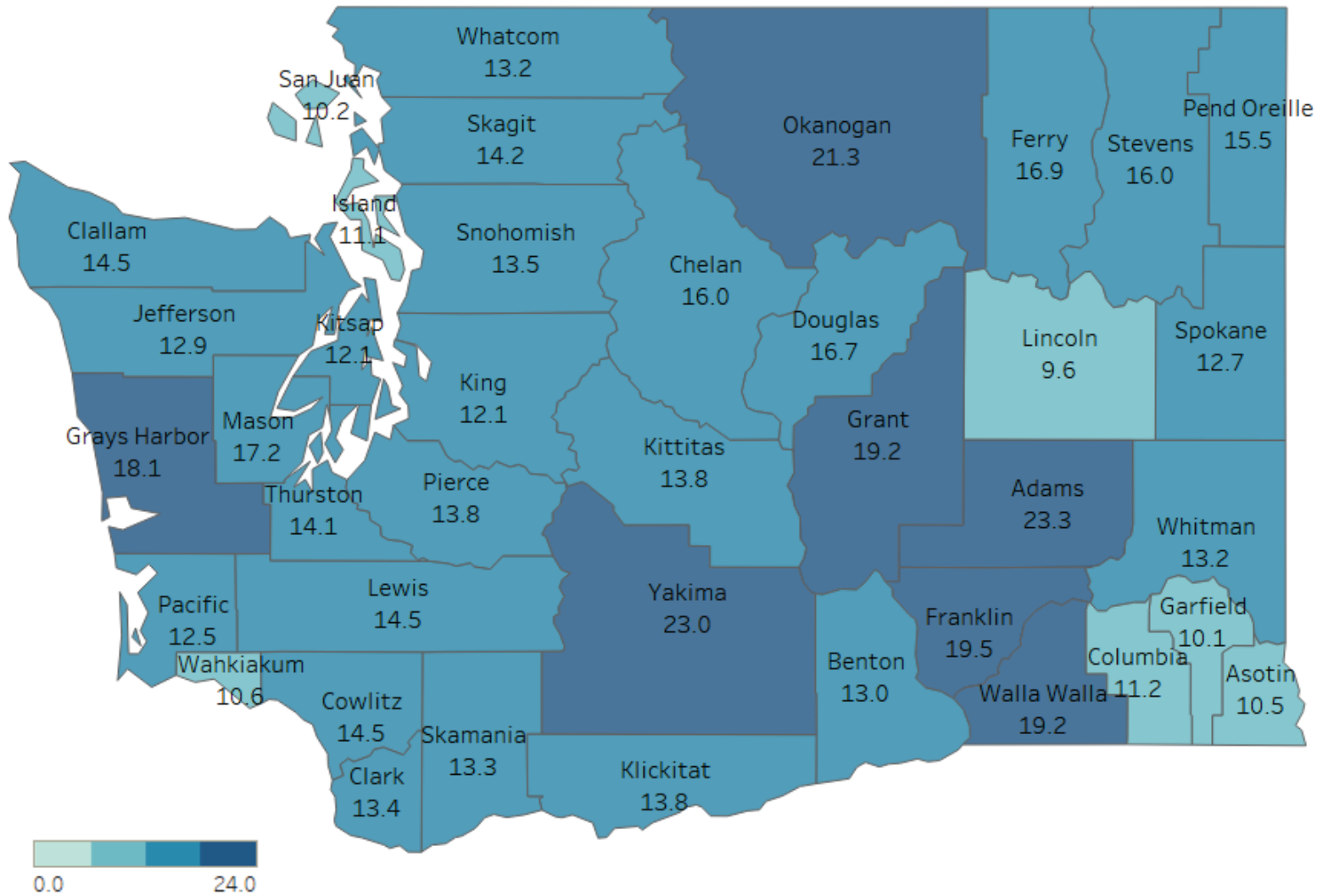
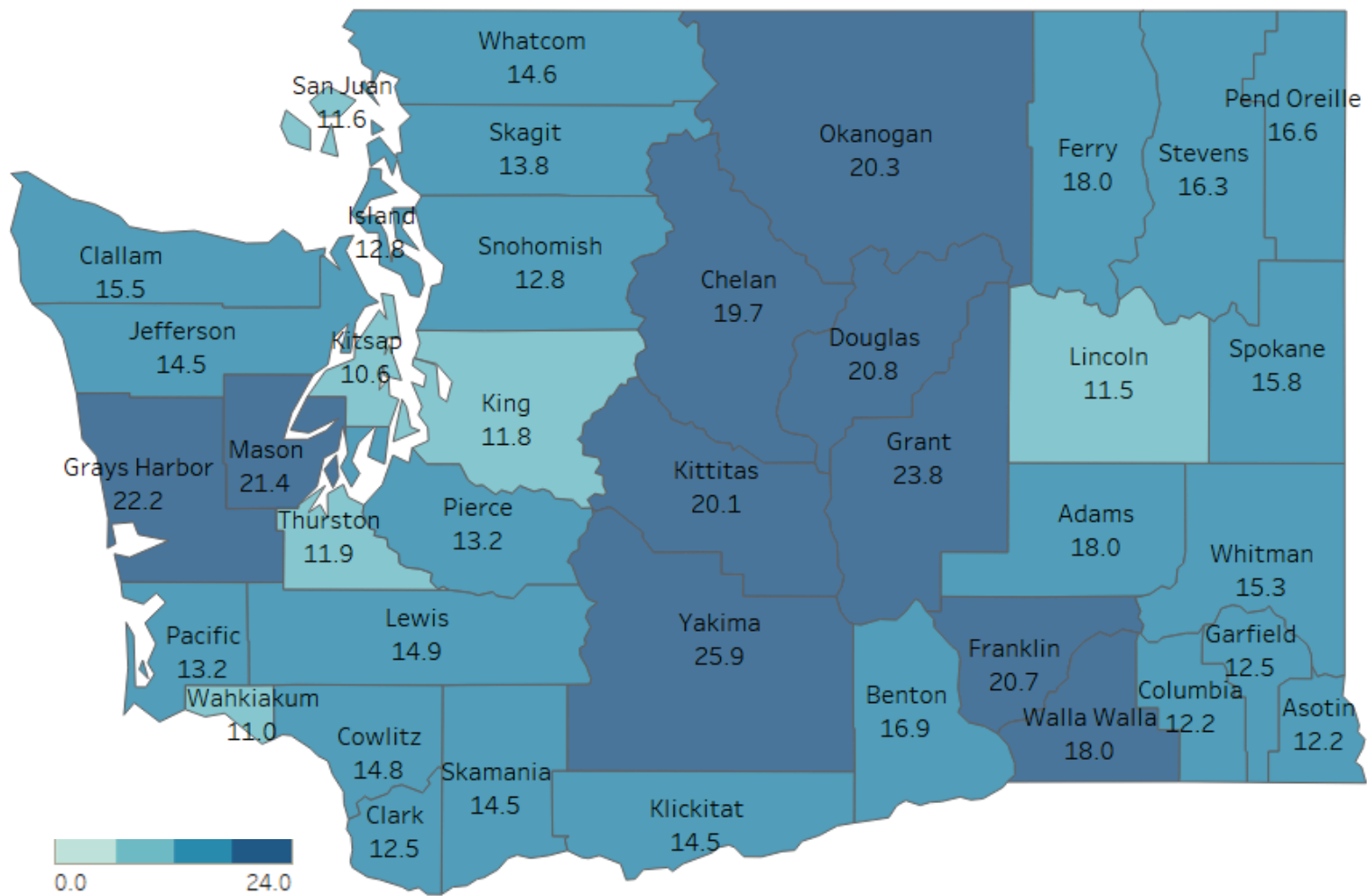
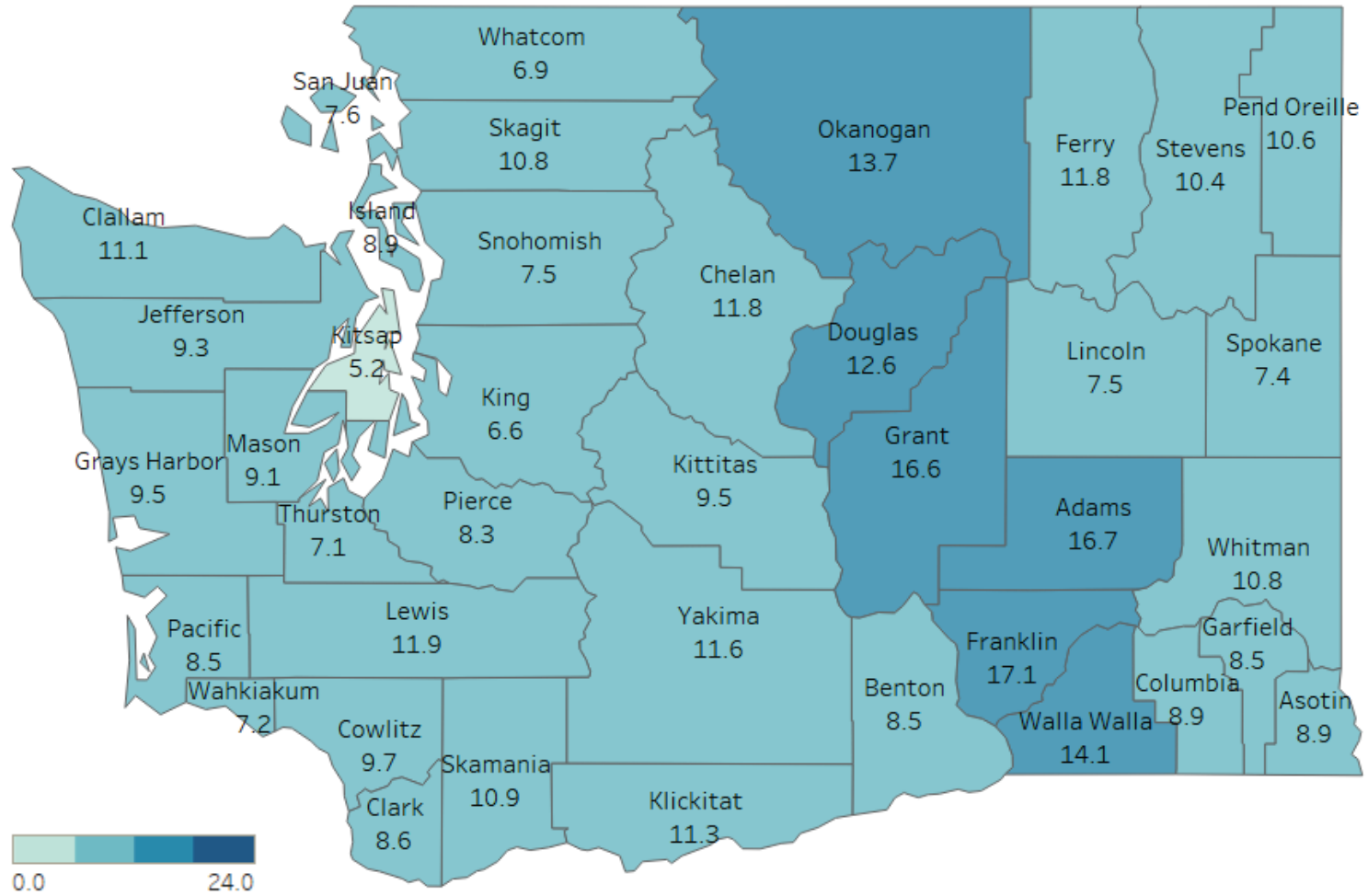


Figure 2 - County Uninsured Rates (%), 2013



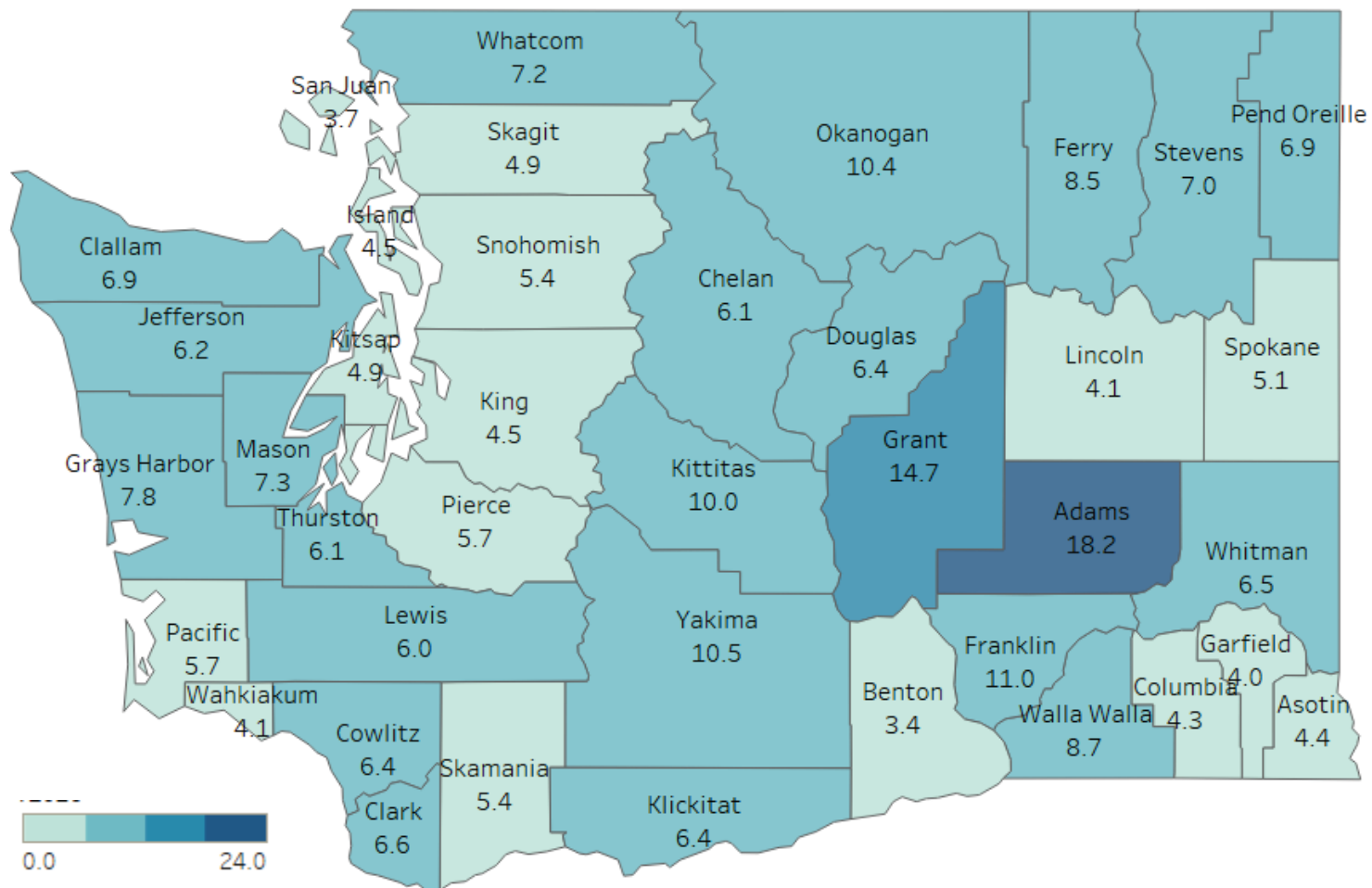
[\(Return to list\)](#)

Figure 3 - County Uninsured Rates (%), 2014



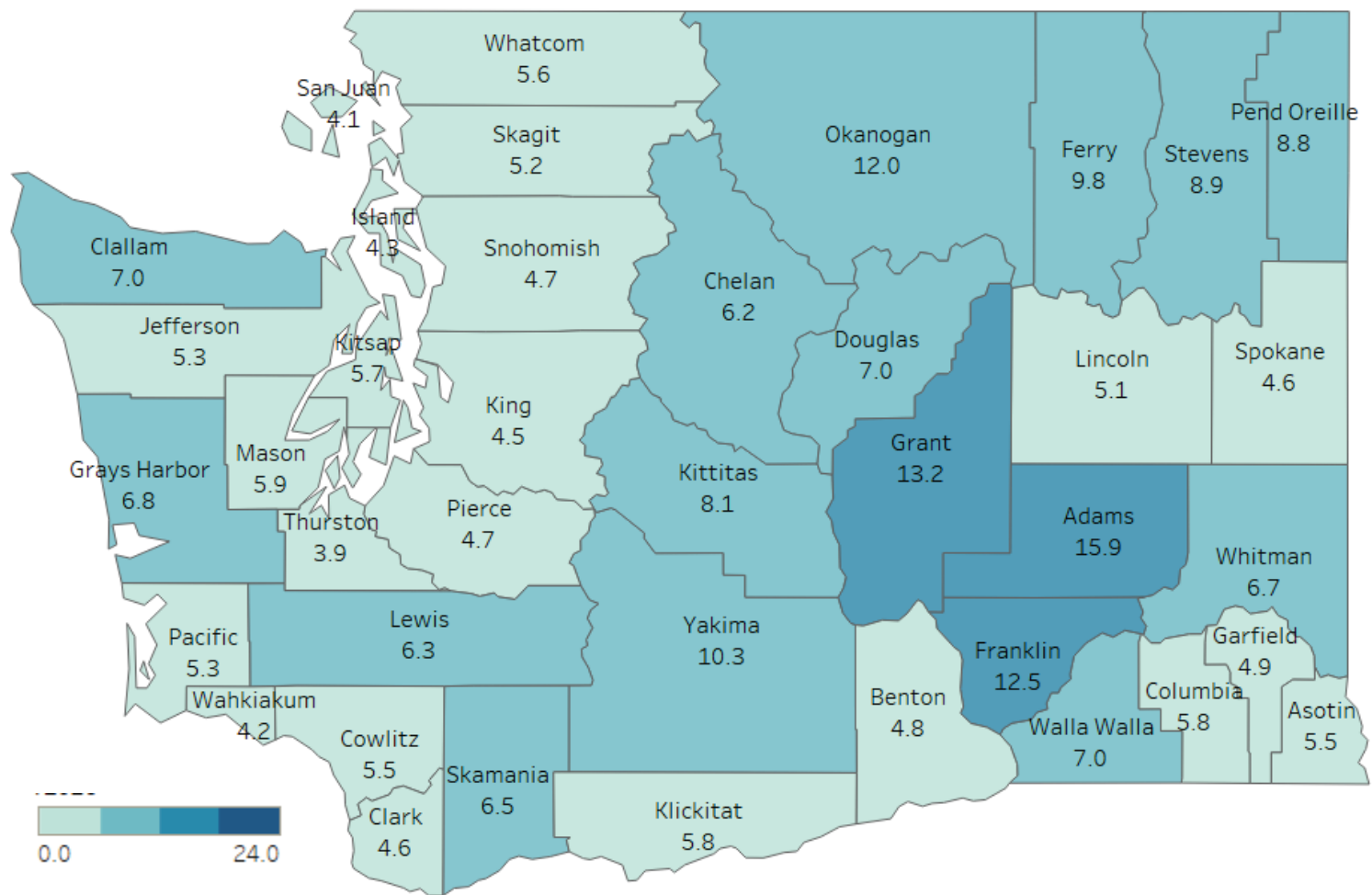
[\(Return to list\)](#)

Figure 4 - County Uninsured Rates (%), 2015



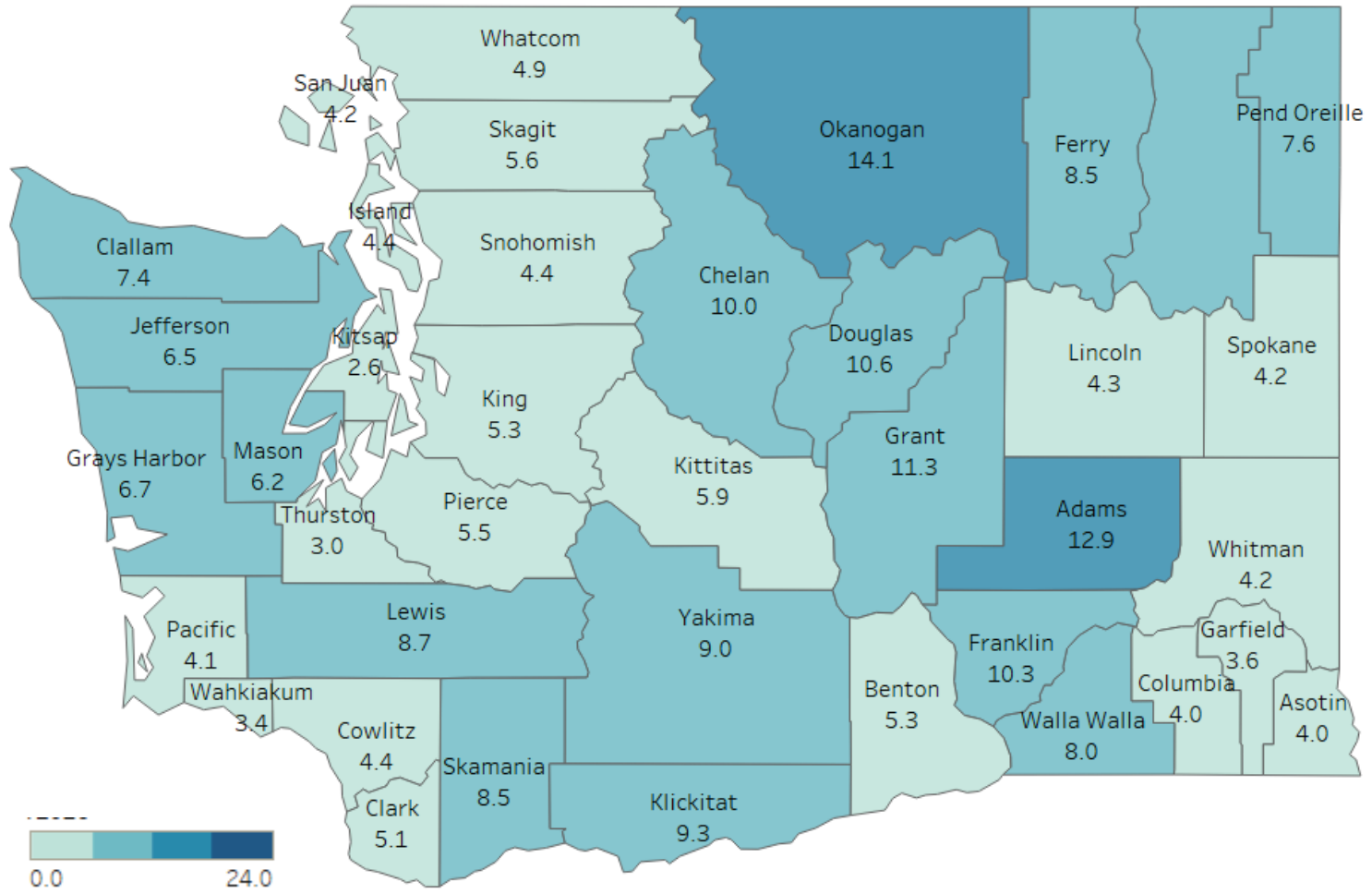
[\(Return to list\)](#)

Figure 5 - County Uninsured Rates (%), 2016



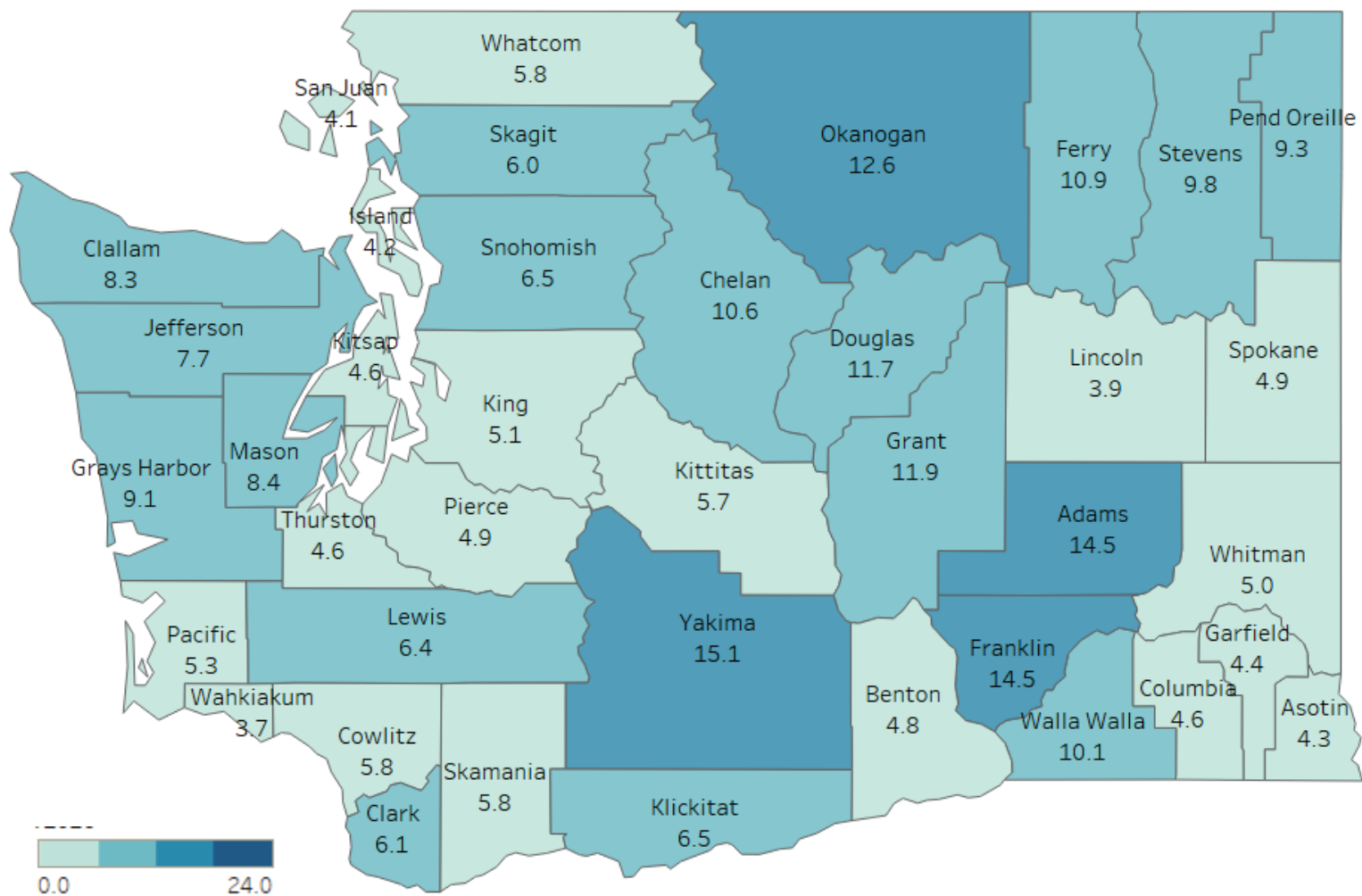
[\(Return to list\)](#)

Figure 6 - County Uninsured Rates (%), 2017



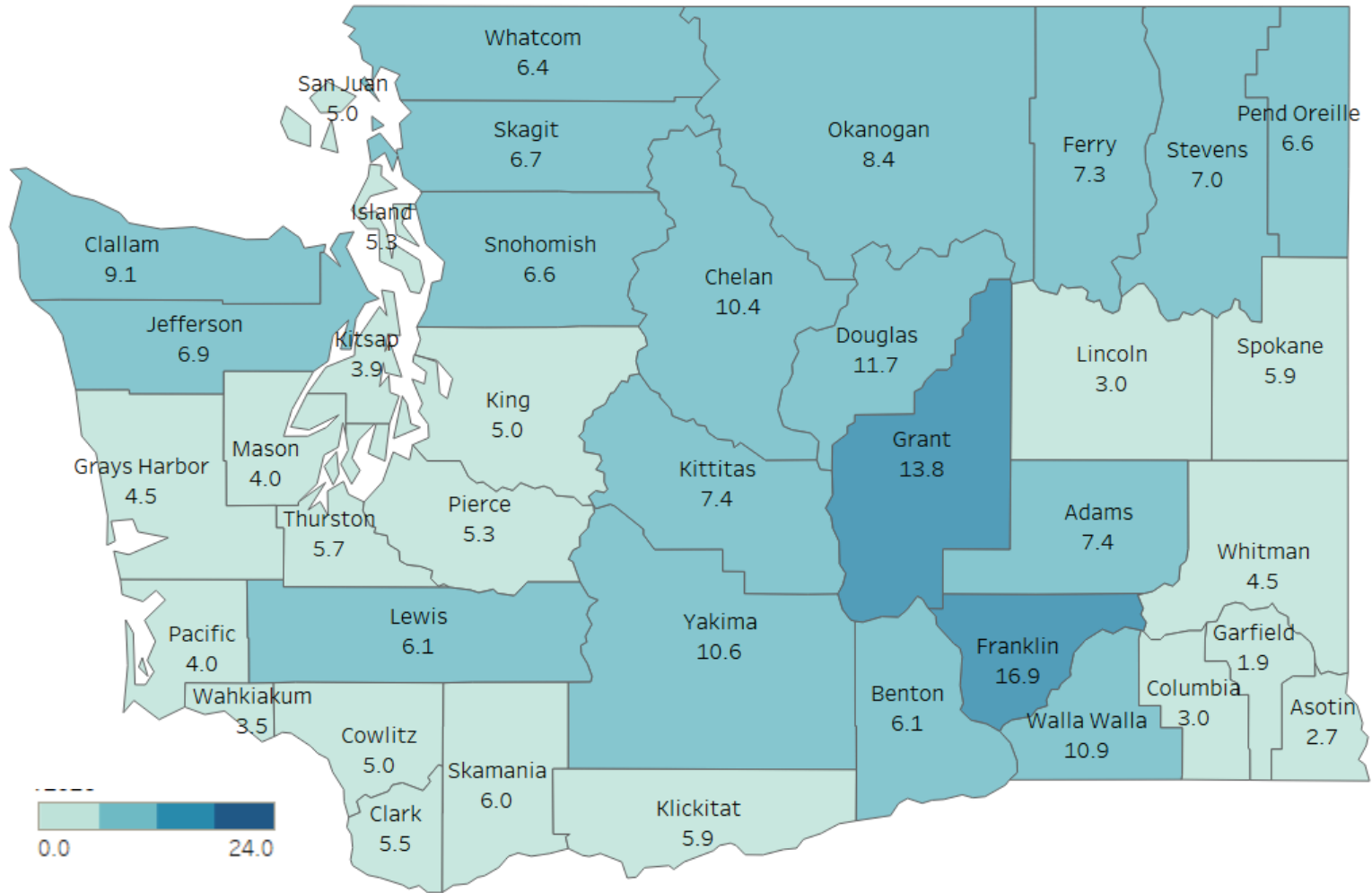
[\(Return to list\)](#)

Figure 7 - County Uninsured Rates (%), 2018



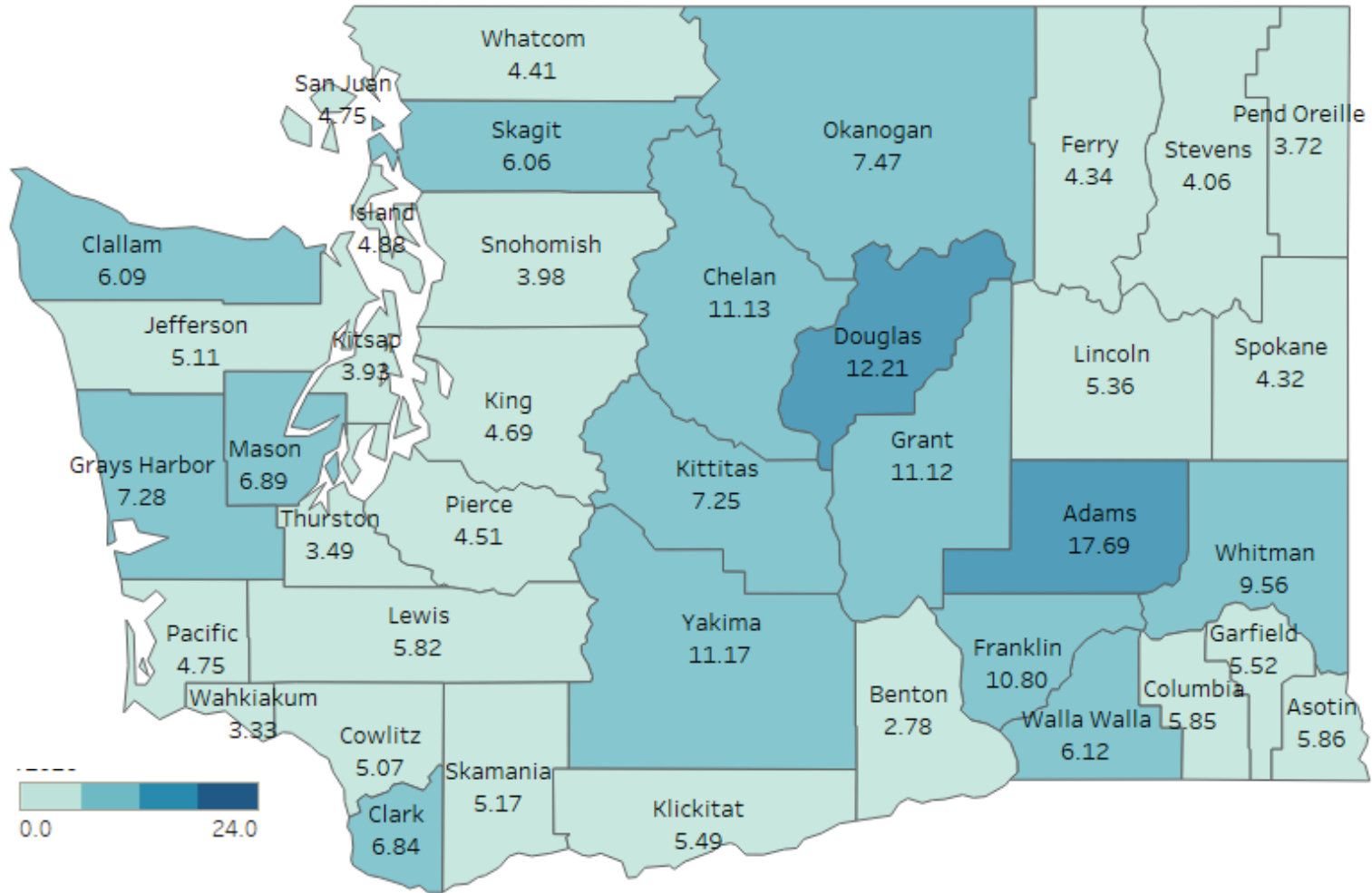
[\(Return to list\)](#)

Figure 8 - County Uninsured Rates (%), 2019



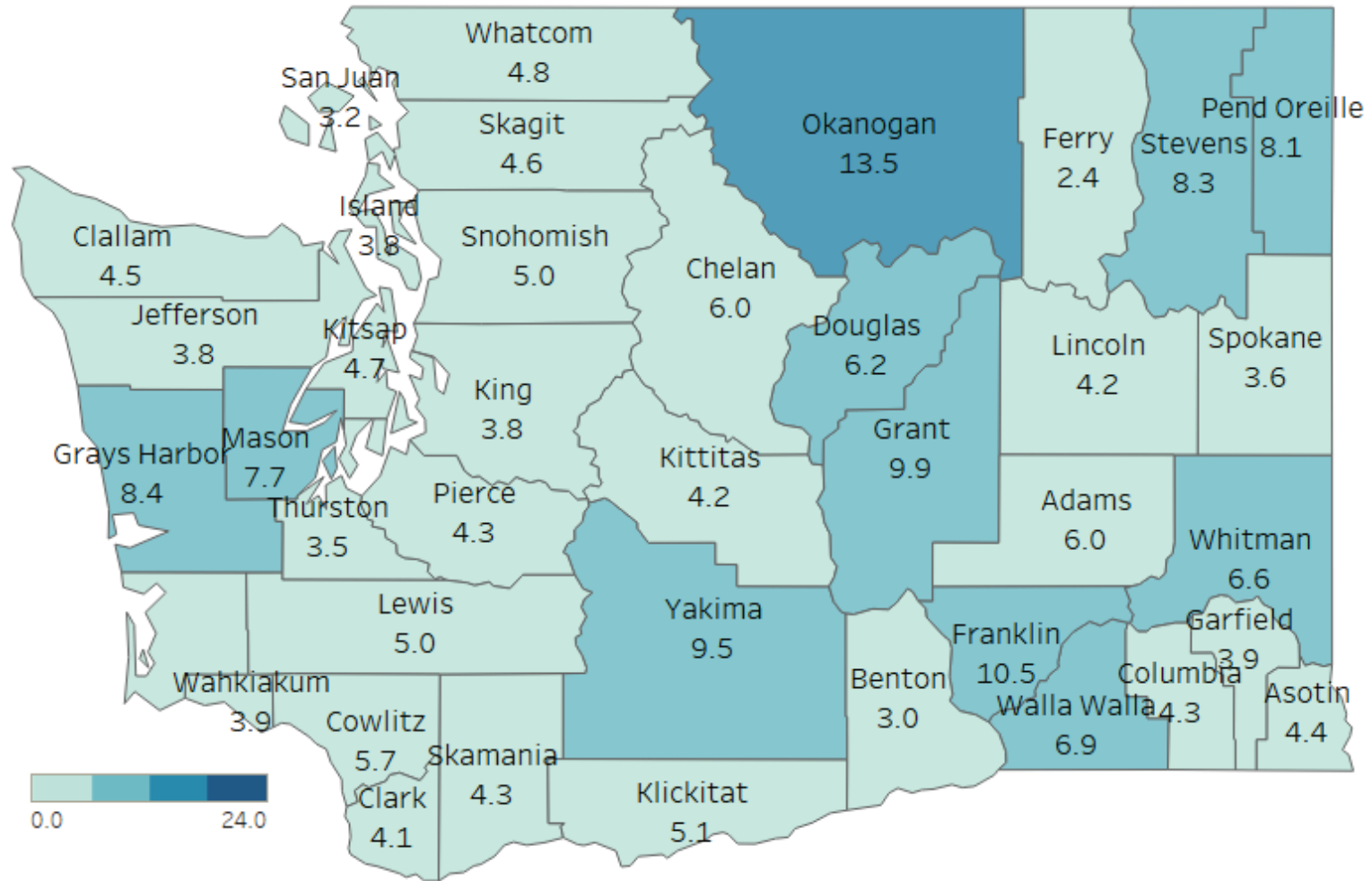
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Figure 9 - County Uninsured Rates (%), 2021



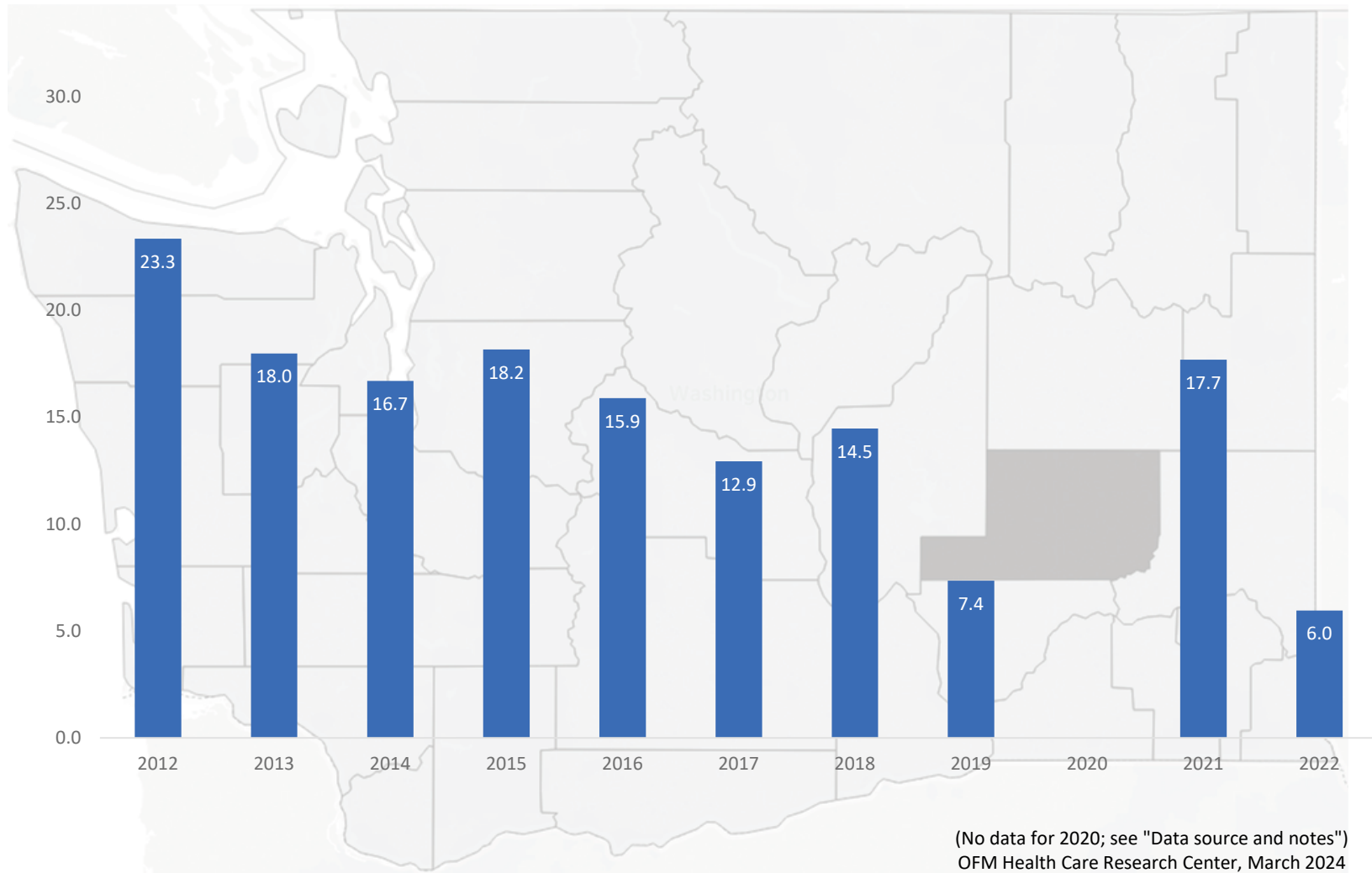
[\(Return to list\)](#)

Figure 10 - County Uninsured Rates (%), 2022



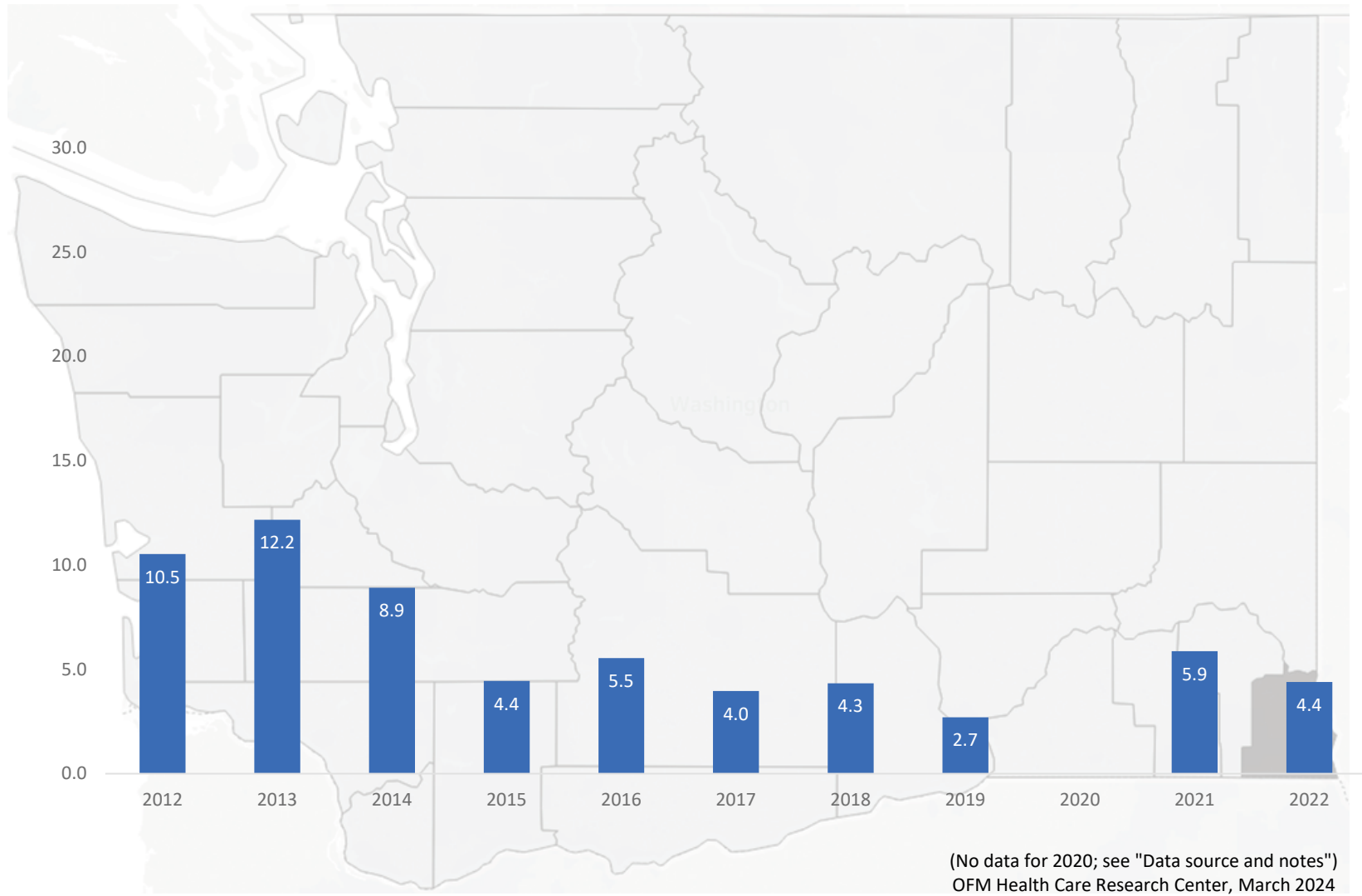
[\(Return to list\)](#)

Figure 11 - Percent Uninsured, Adams County, 2012-19 and 2021-22



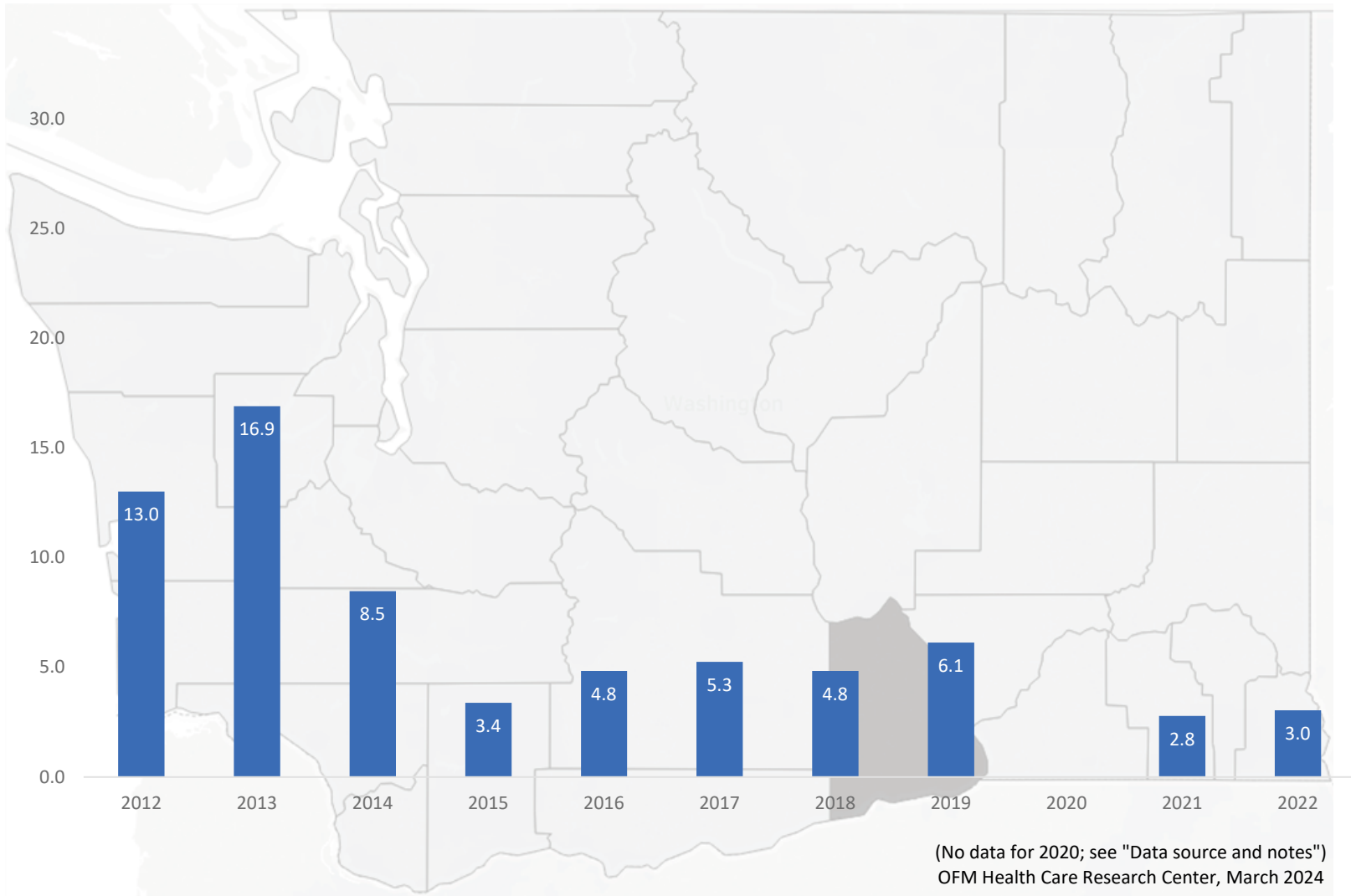
[\(Return to list\)](#)

Figure 12 - Percent Uninsured, Asotin County, 2012-19 and 2021-22



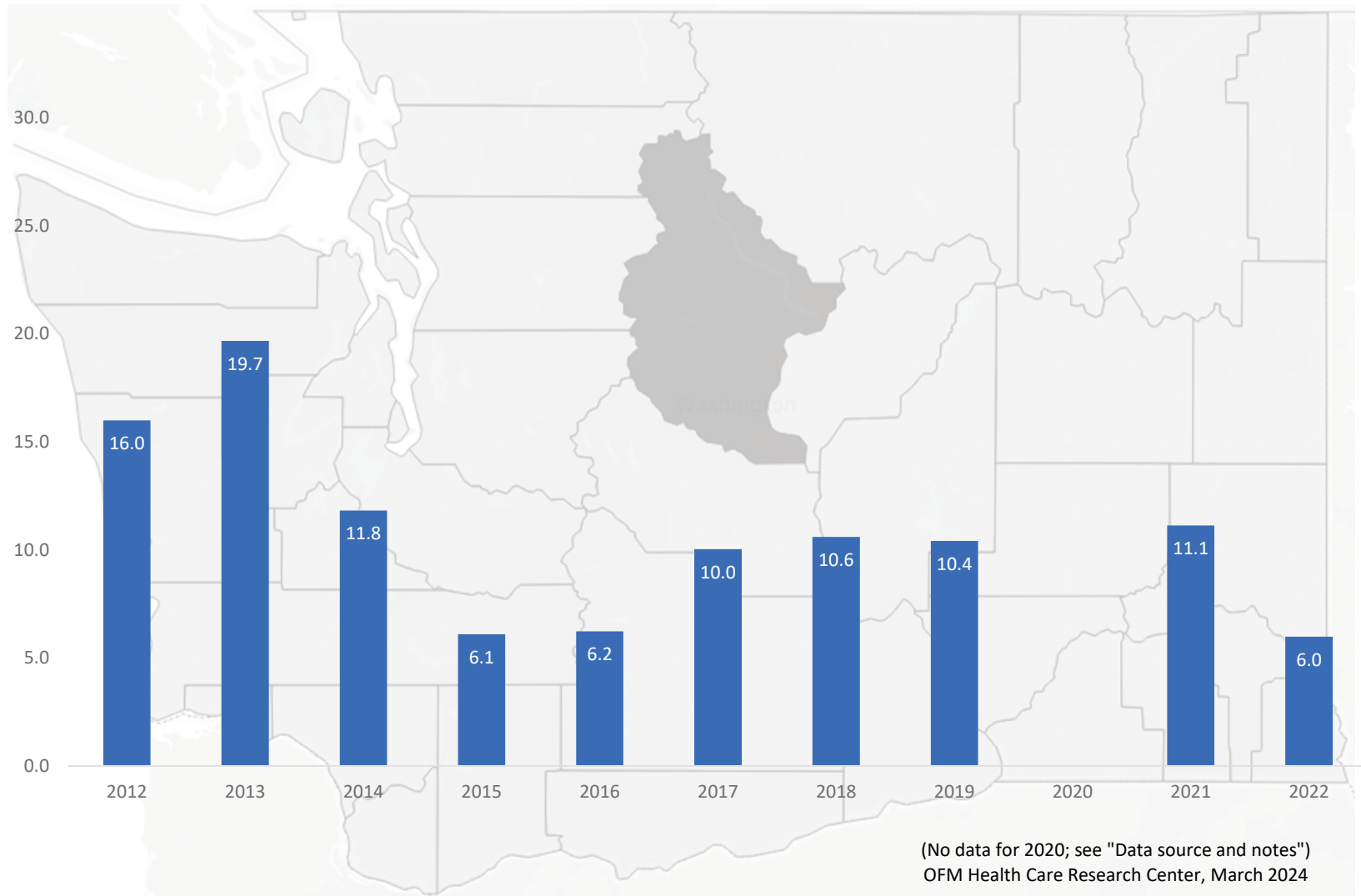
[\(Return to list\)](#)

Figure 13 - Percent Uninsured, Benton County, 2012-19 and 2021-22



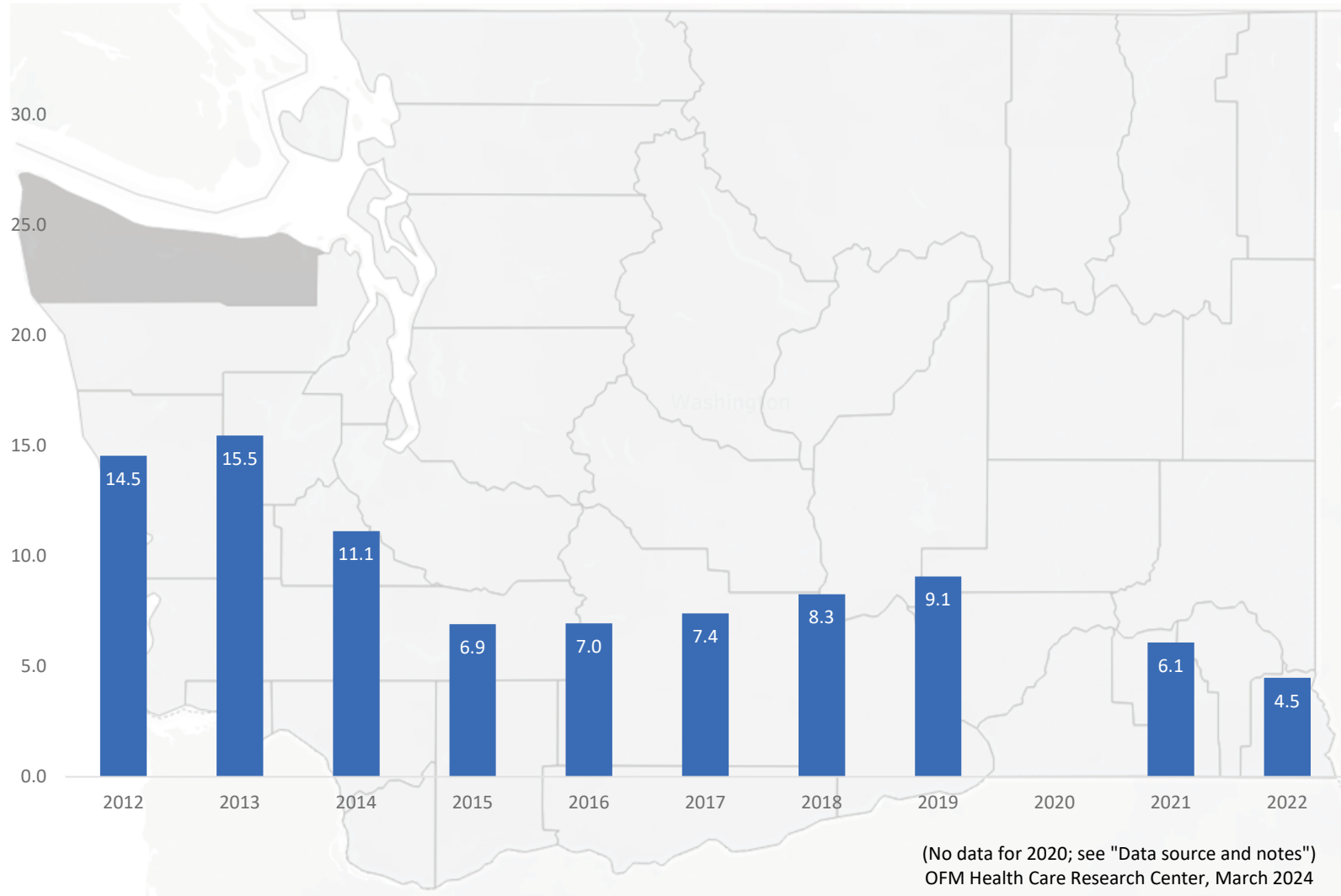
[\(Return to list\)](#)

Figure 14 - Percent Uninsured, Chelan County, 2012-19 and 2021-22



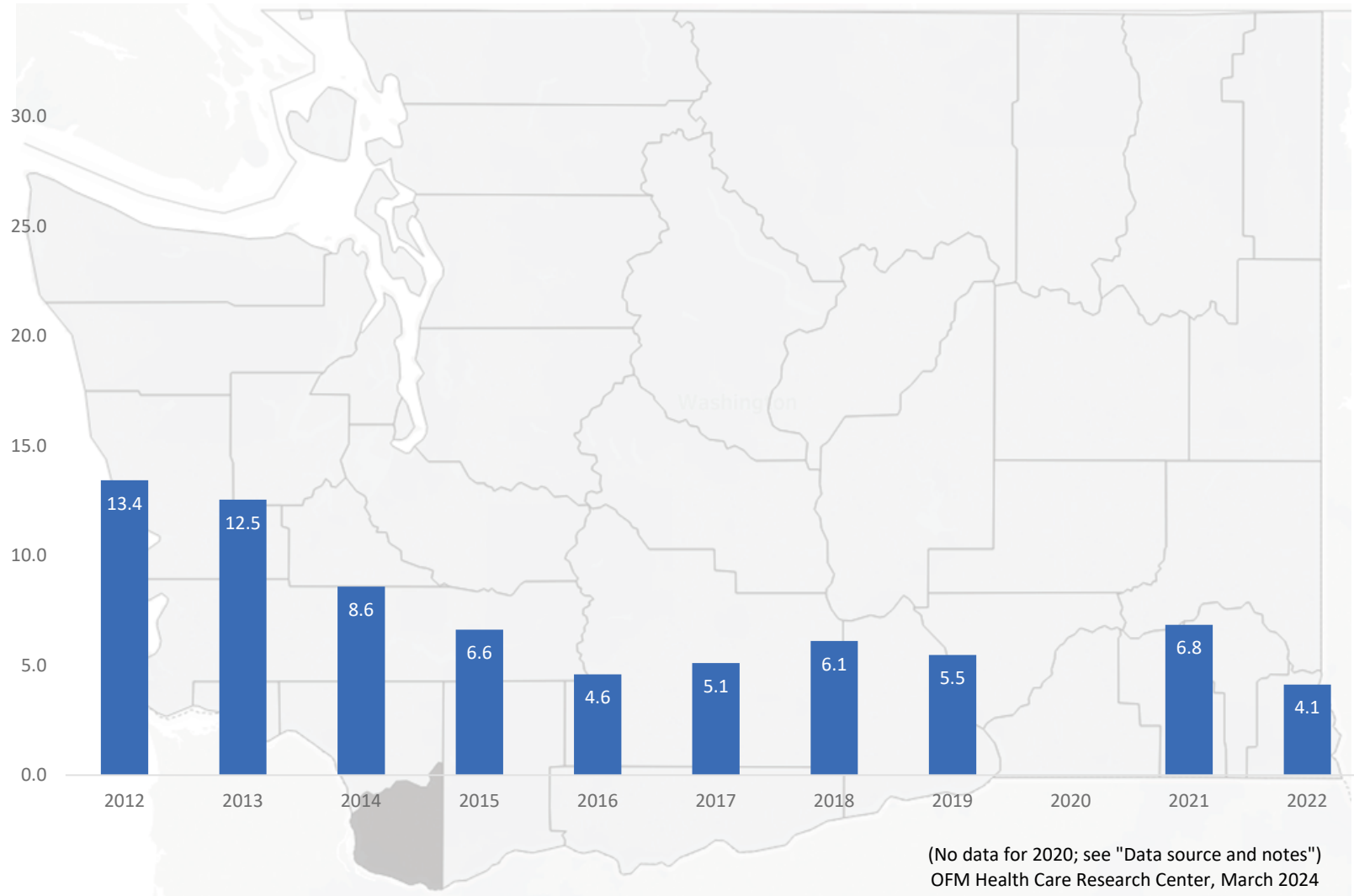
[\(Return to list\)](#)

Figure 15 - Percent Uninsured, Clallam County, 2012-19 and 2021-22



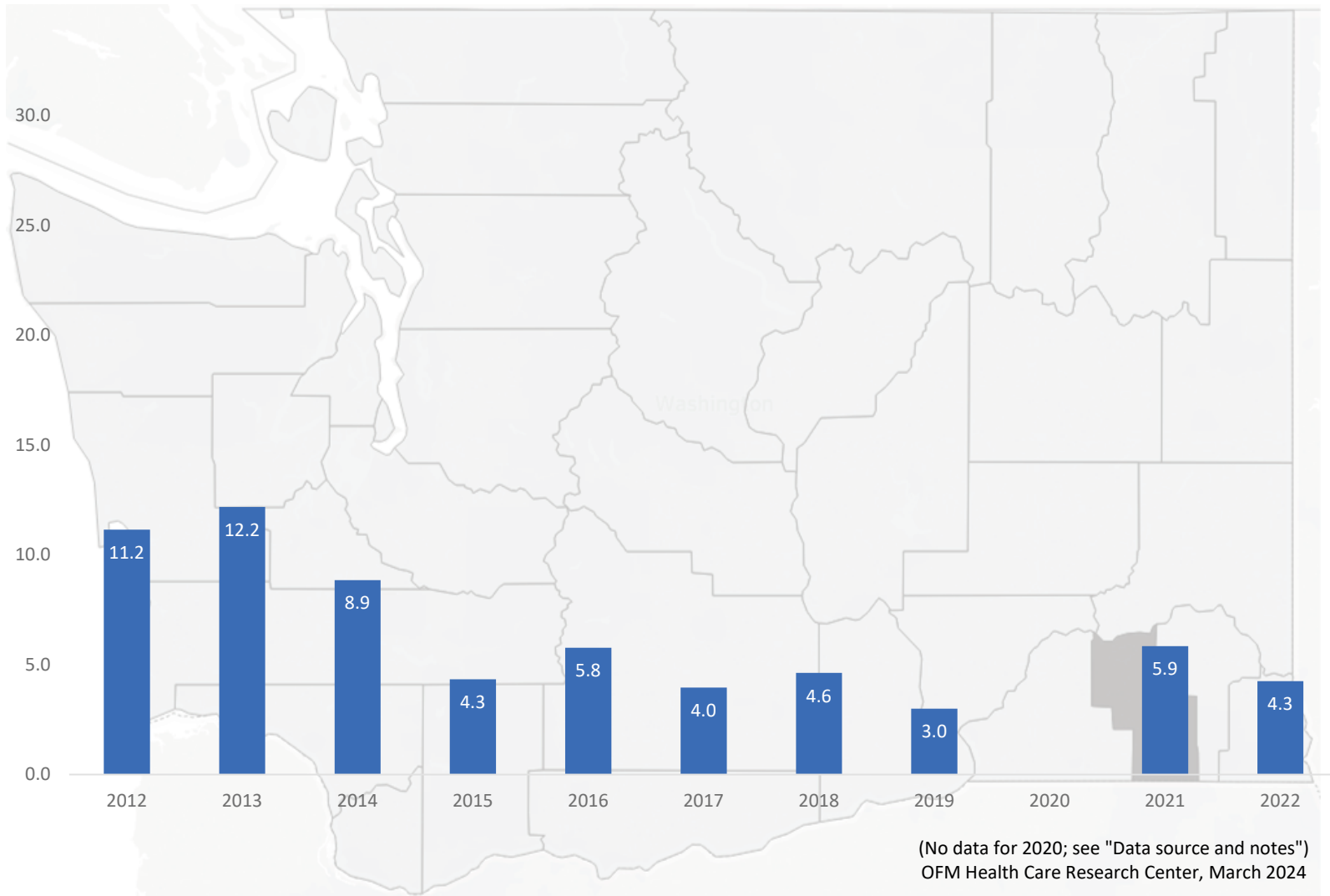
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Figure 16 - Percent Uninsured, Clark County, 2012-19 and 2021-22



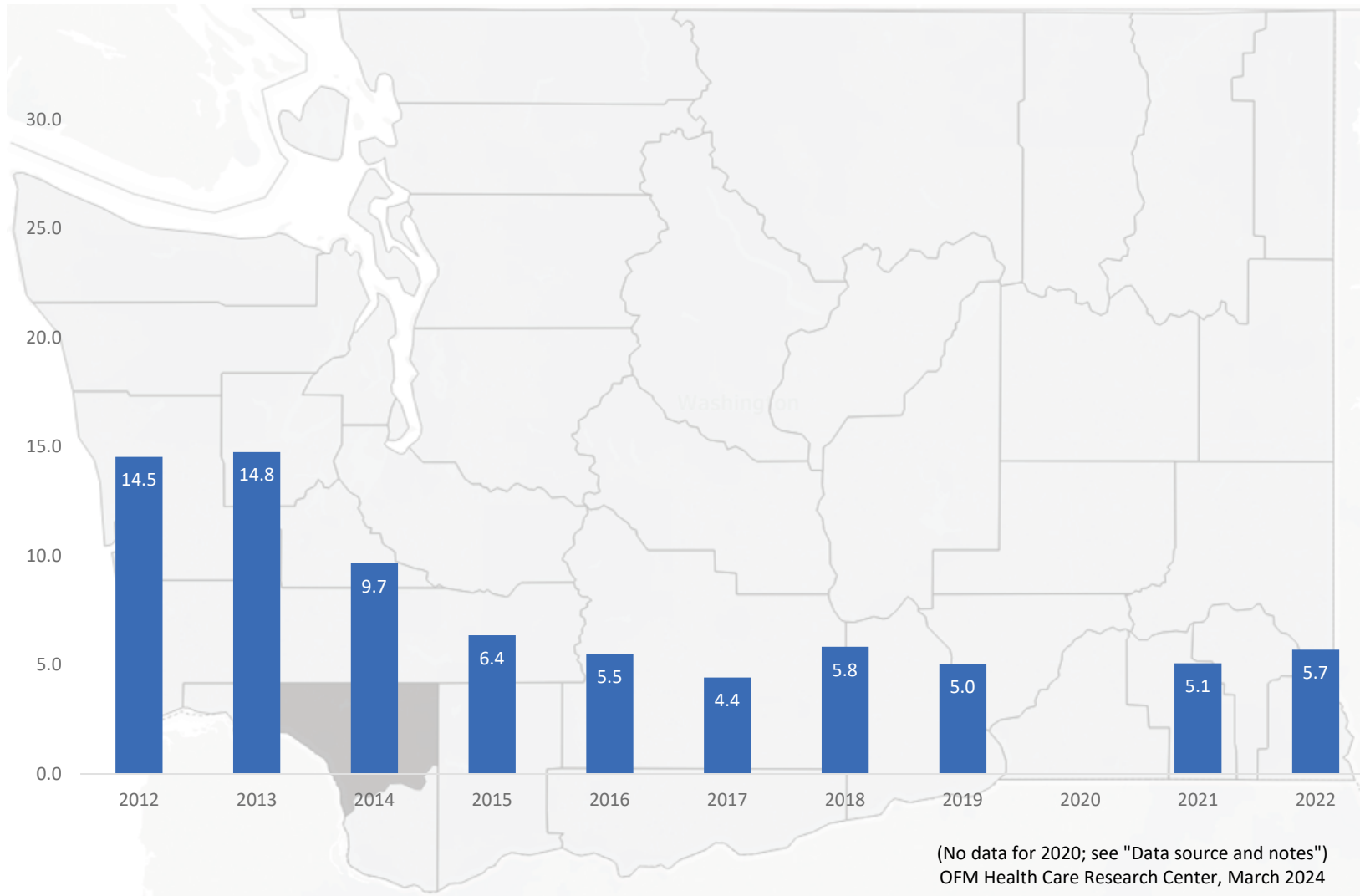
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Figure 17 - Percent Uninsured, Columbia County, 2012-19 and 2021-22



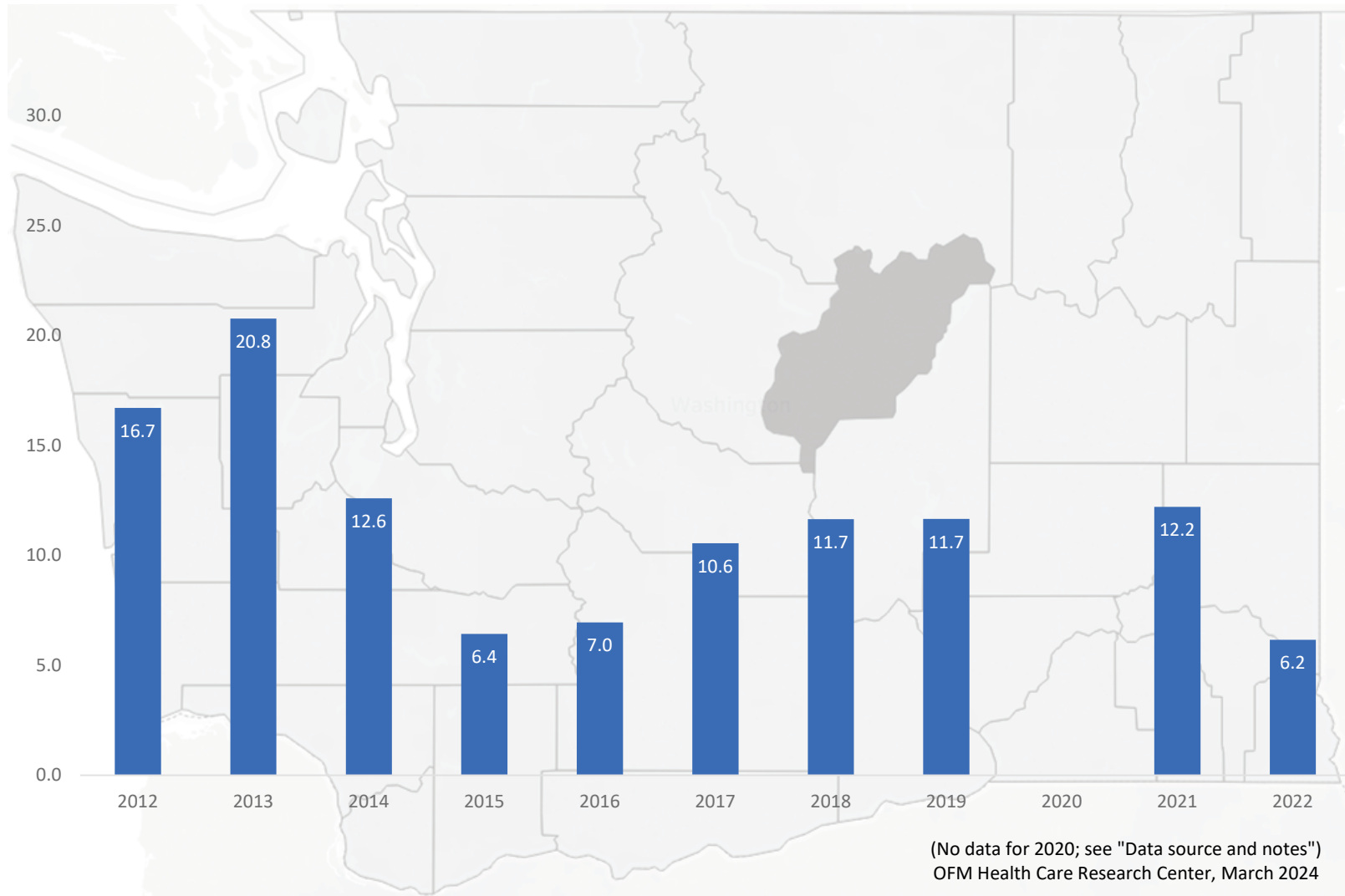
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Figure 18 - Percent Uninsured, Cowlitz County, 2012-19 and 2021-22



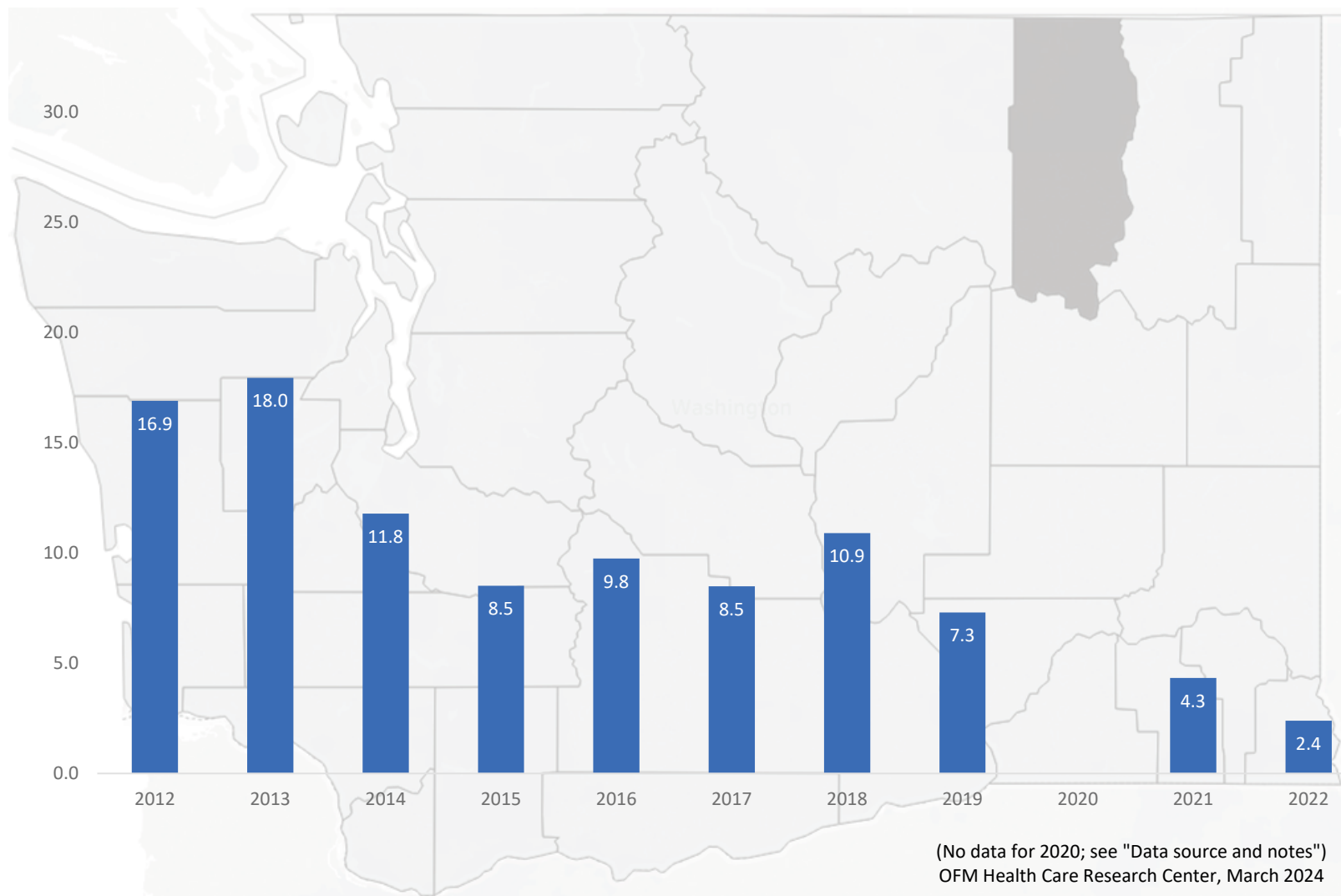
[\(Return to list\)](#)

Figure 19 - Percent Uninsured, Douglas County, 2012-19 and 2021-22



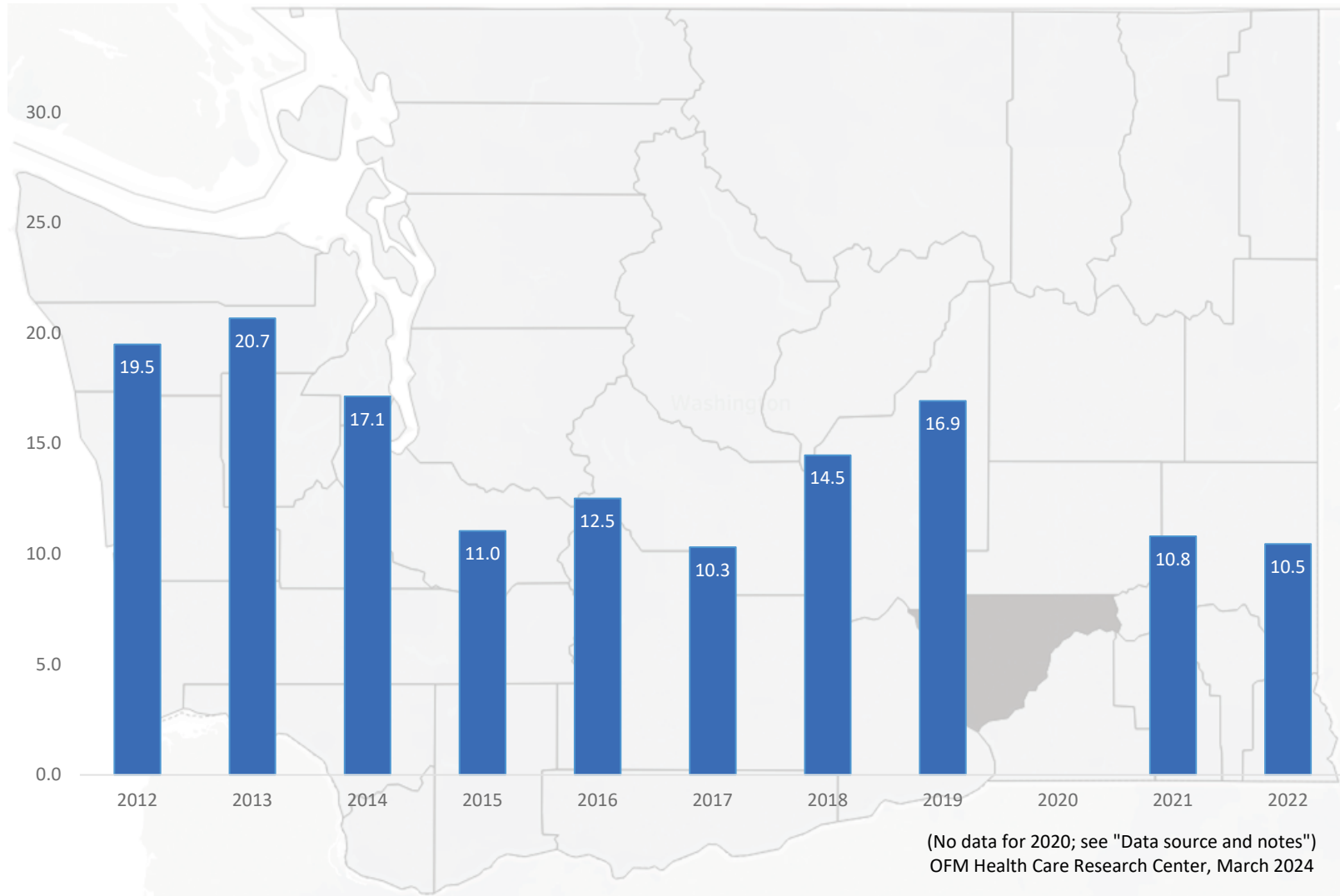
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Figure 20 - Percent Uninsured, Ferry County, 2012-19 and 2021-22



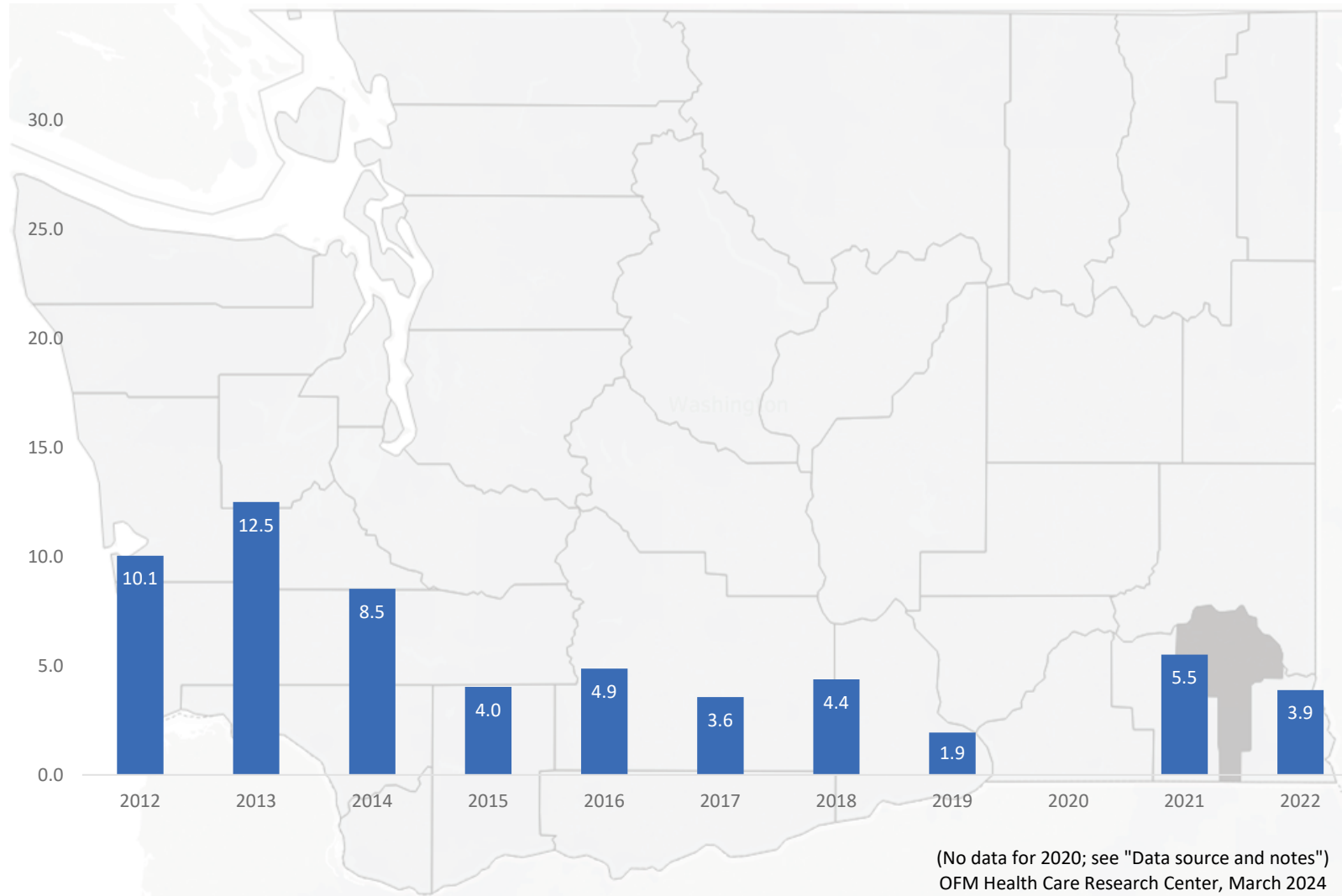
[\(Return to list\)](#)

Figure 21 - Percent Uninsured, Franklin County, 2012-19 and 2021-22



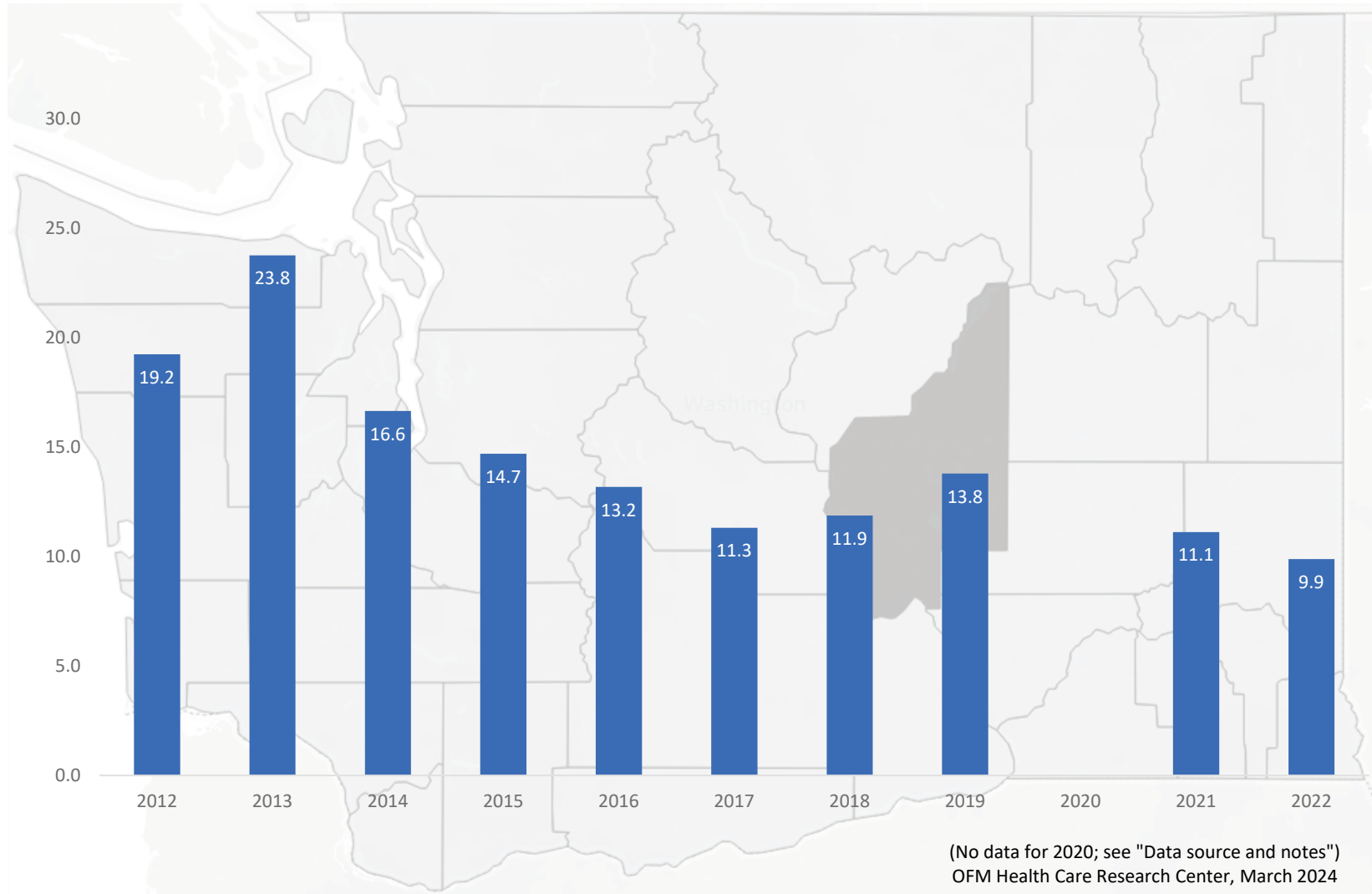
[\(Return to list\)](#)

Figure 22 - Percent Uninsured, Garfield County, 2012-19 and 2021-22



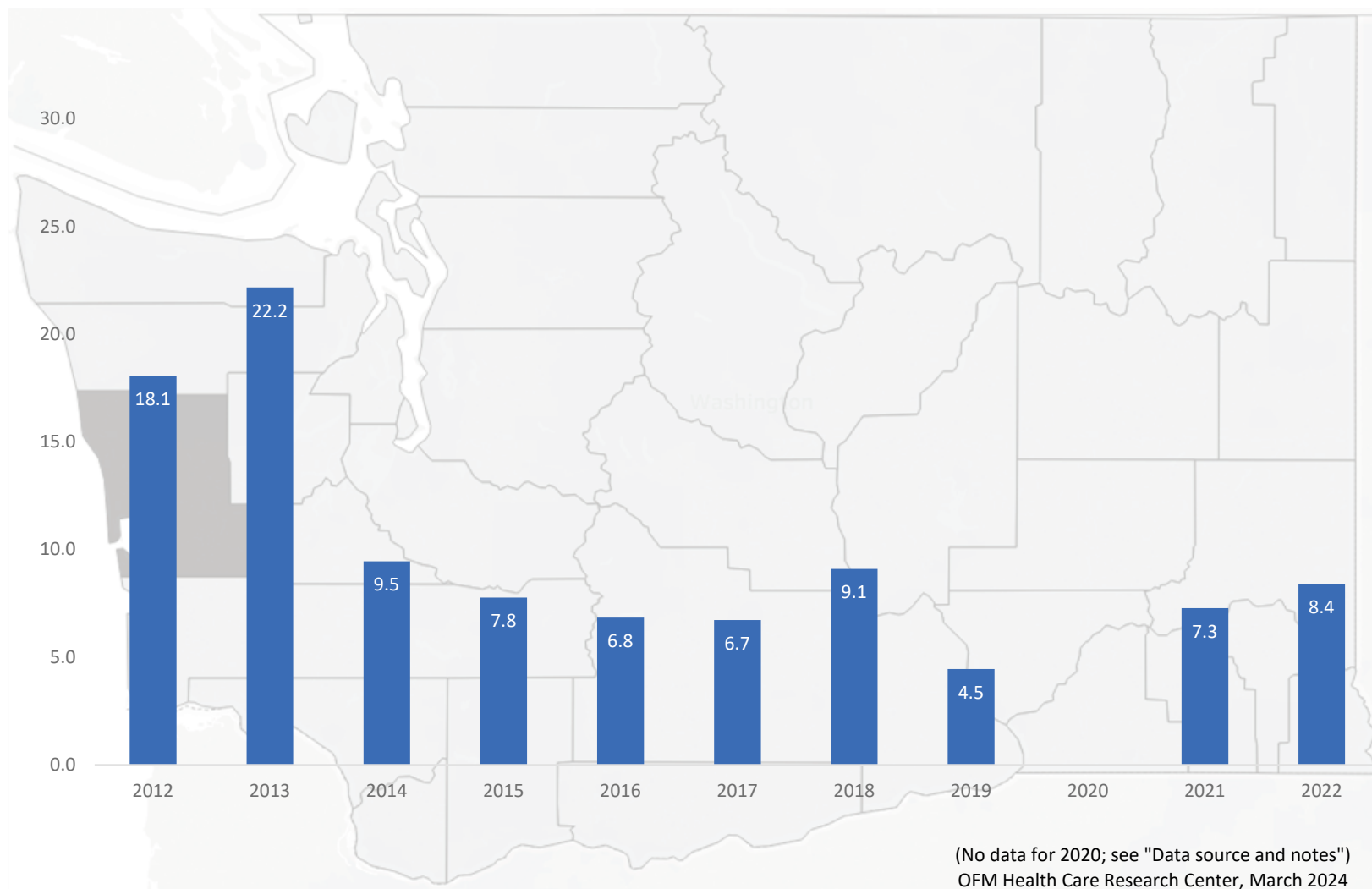
[\(Return to list\)](#)

Figure 23 - Percent Uninsured, Grant County, 2012-19 and 2021-22



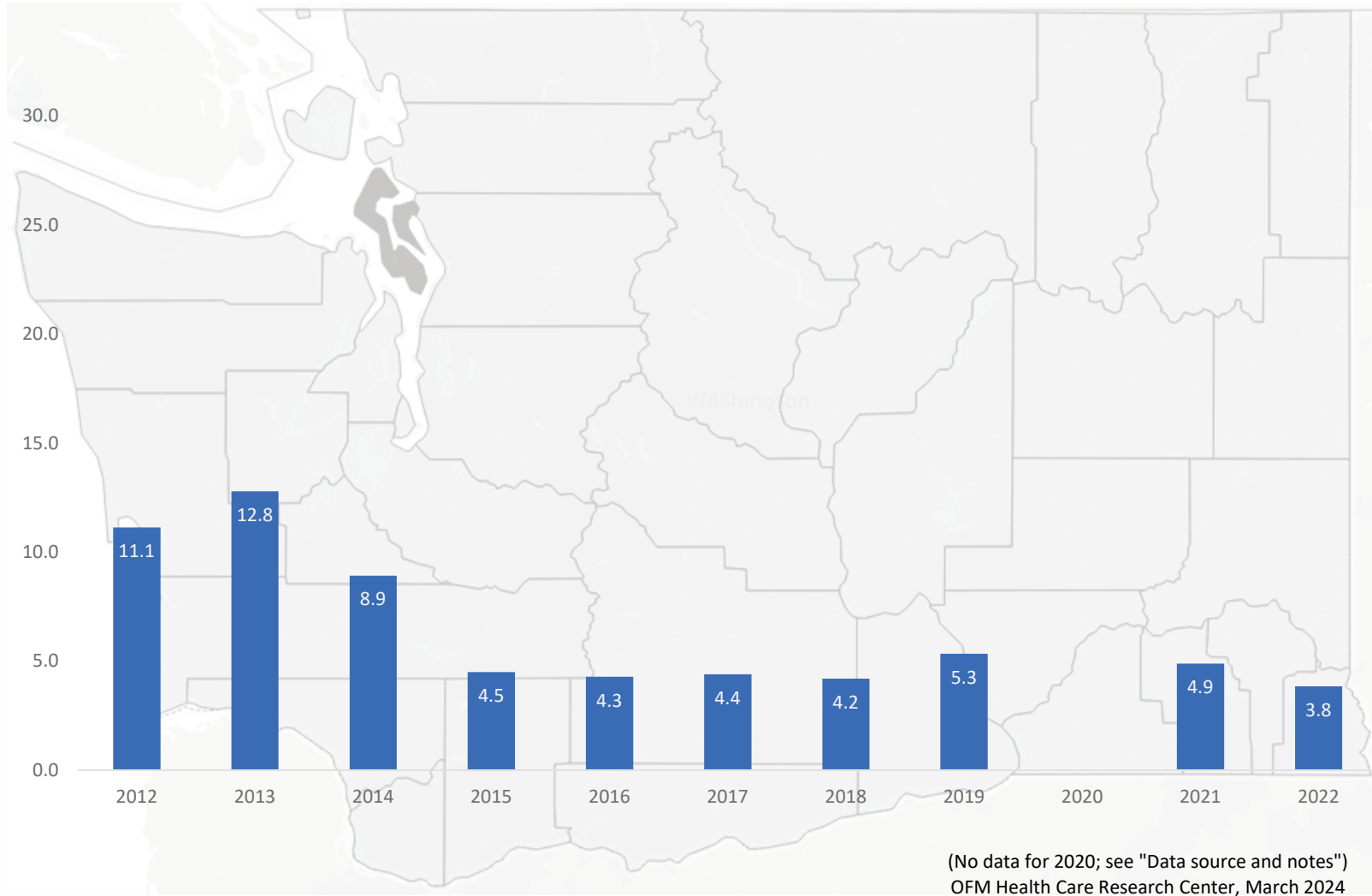
[\(Return to list\)](#)

Figure 24 - Percent Uninsured, Grays Harbor County, 2012-19 and 2021-22



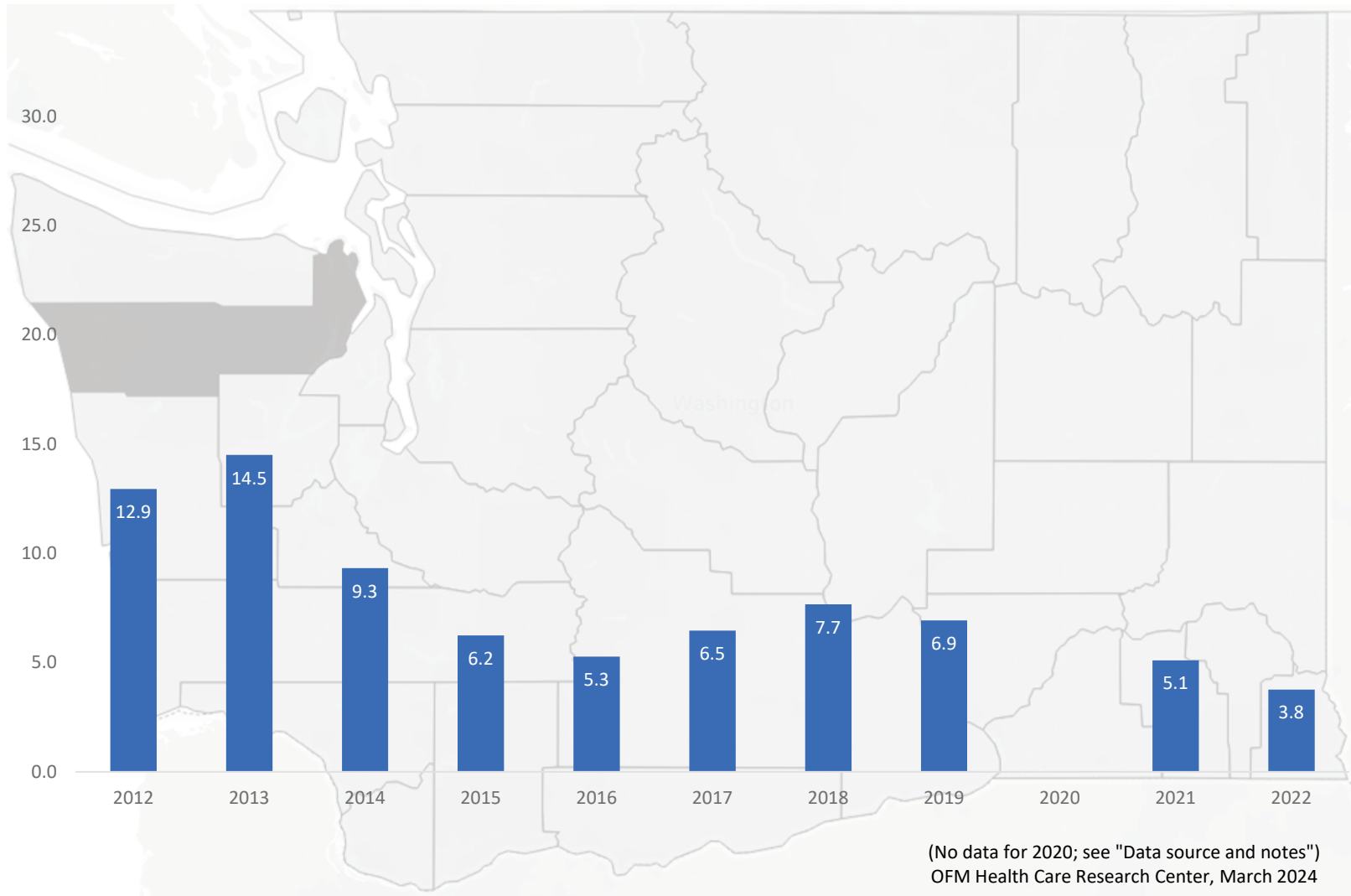
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Figure 25 - Percent Uninsured, Island County, 2012-19 and 2021-22



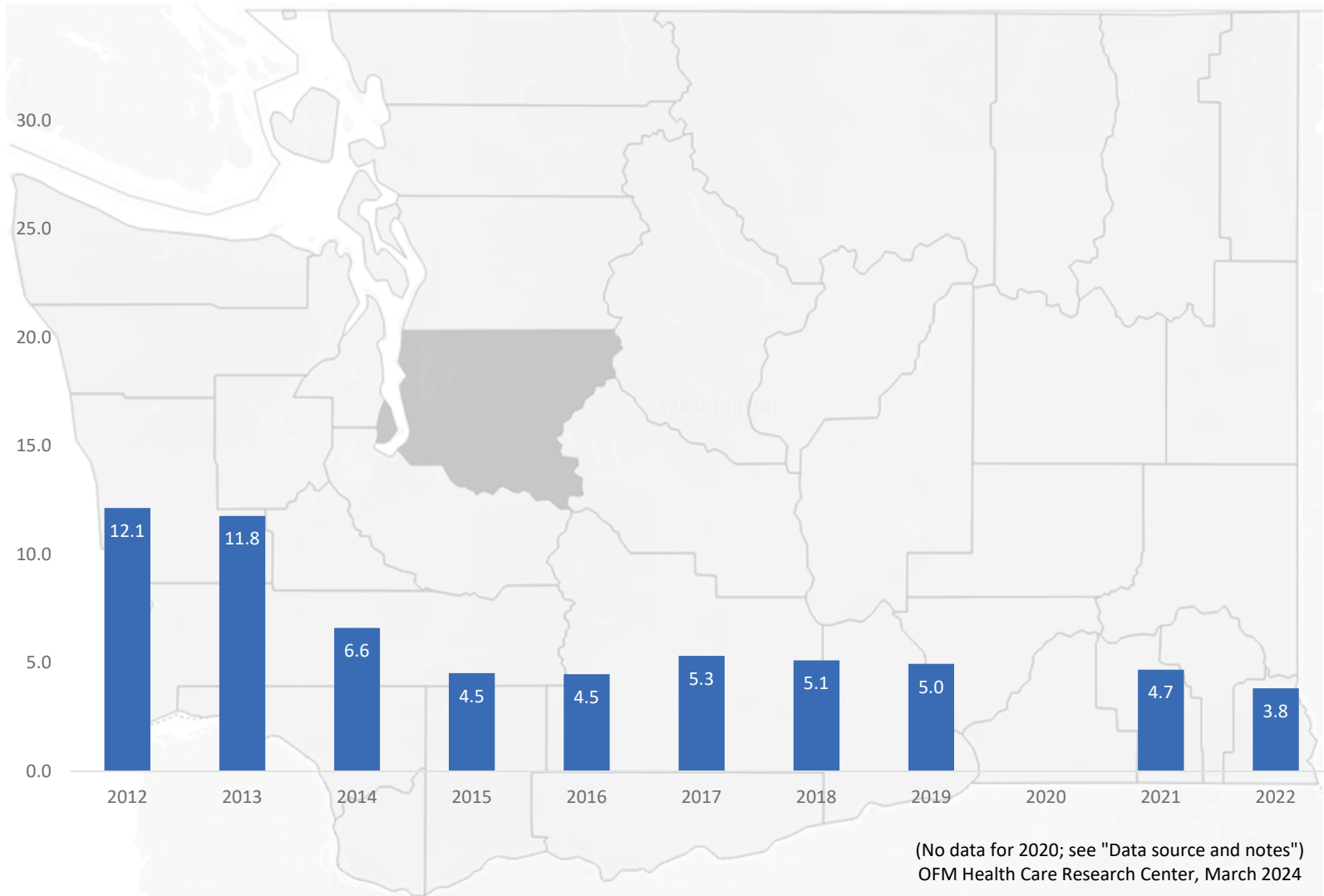
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Figure 26 - Percent Uninsured, Jefferson County, 2012-19 and 2021-22



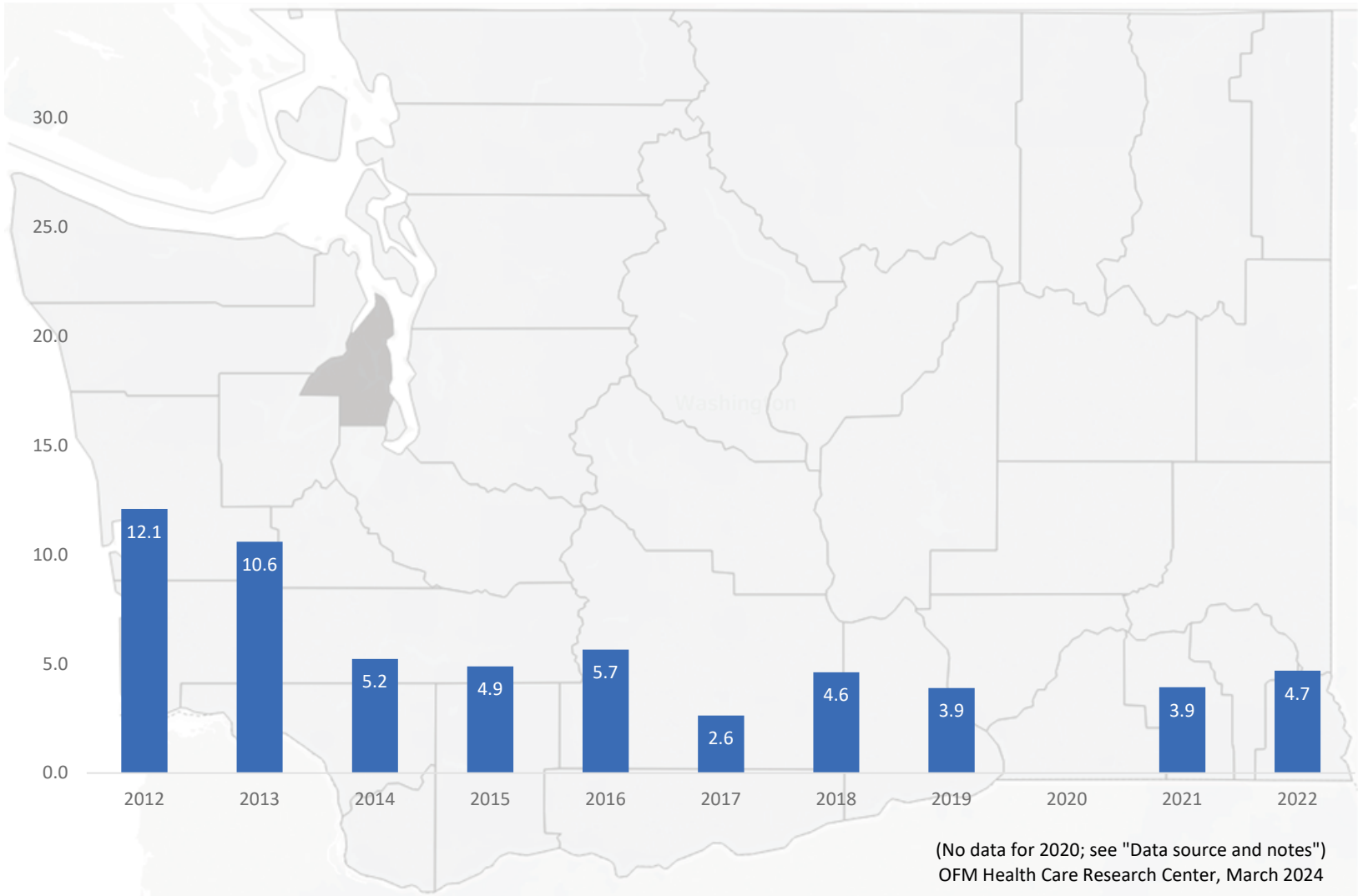
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Figure 27 - Percent Uninsured, King County, 2012-19 and 2021-22



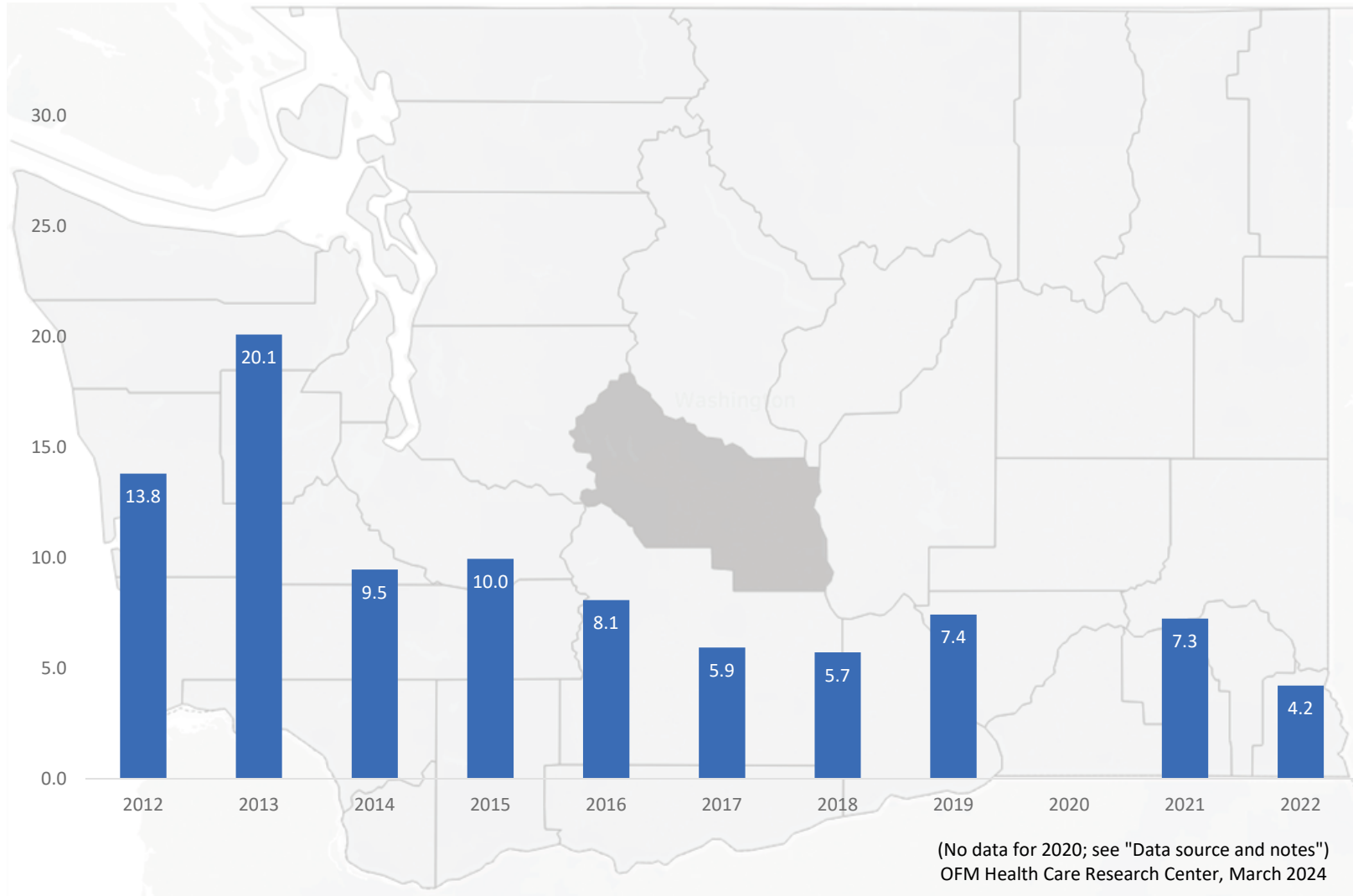
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Figure 28 - Percent Uninsured, Kitsap County, 2012-19 and 2021-22



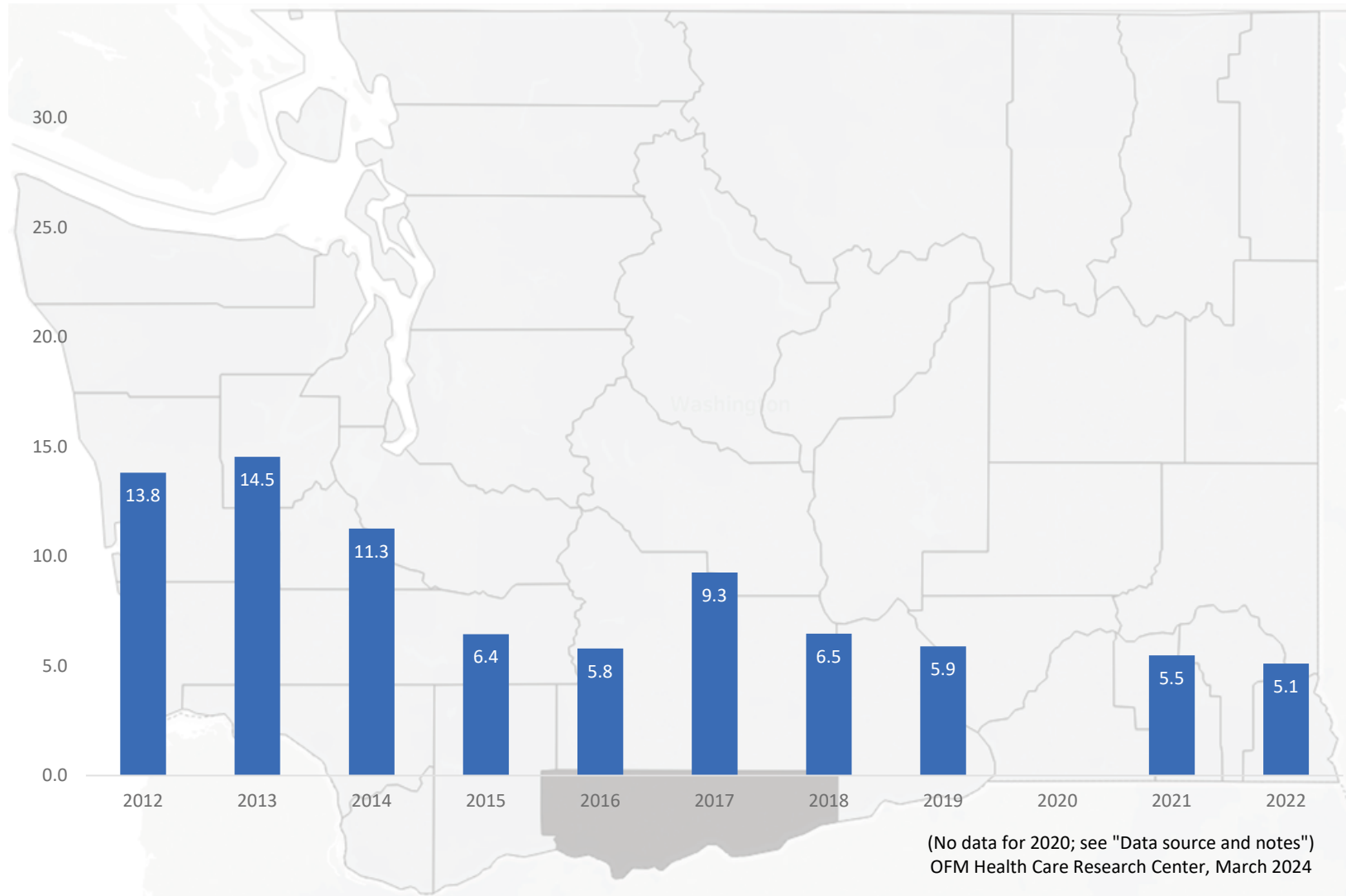
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Figure 29 - Percent Uninsured, Kittitas County, 2012-19 and 2021-22



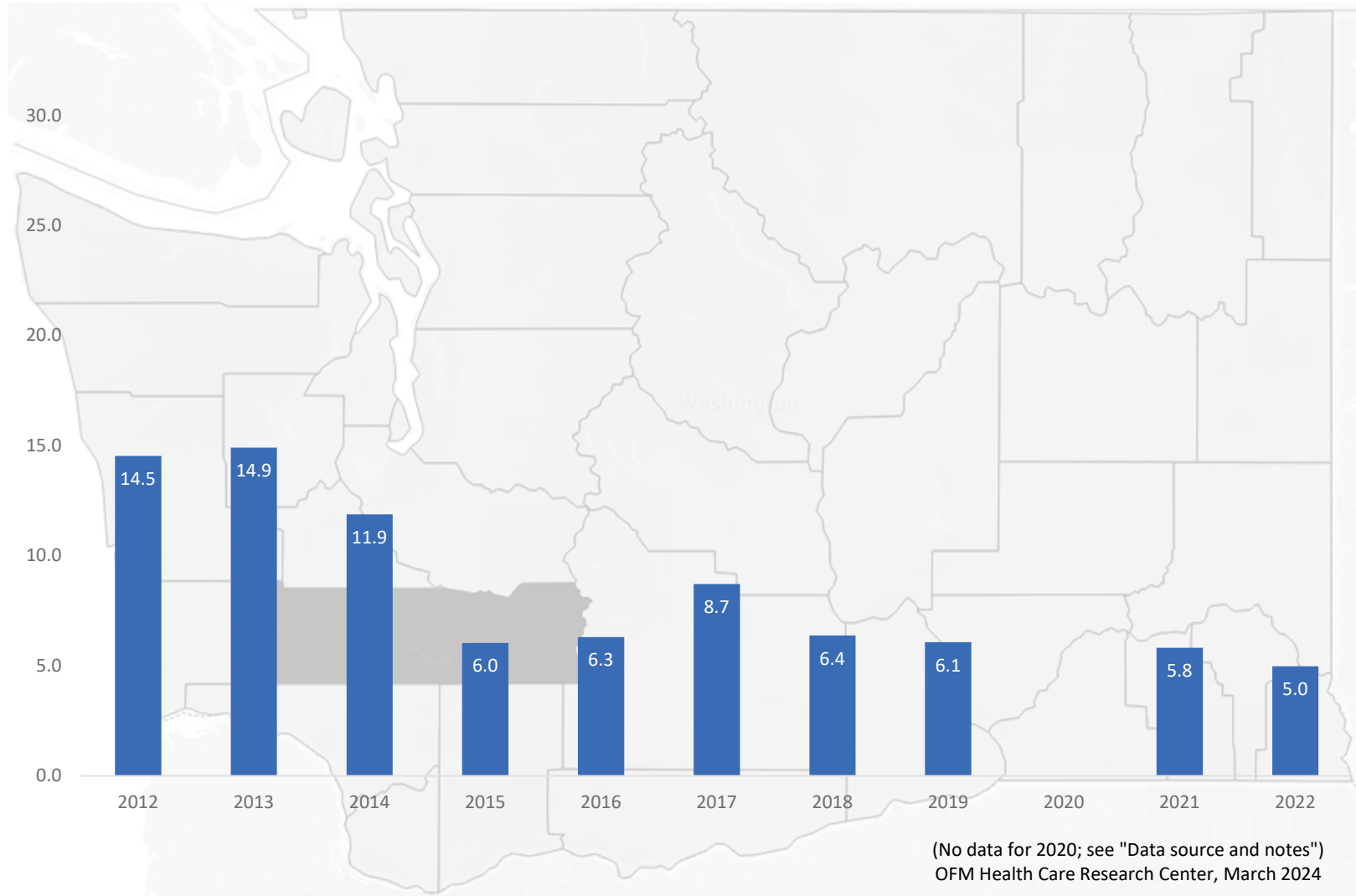
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Figure 30 - Percent Uninsured, Klickitat County, 2012-19 and 2021-22



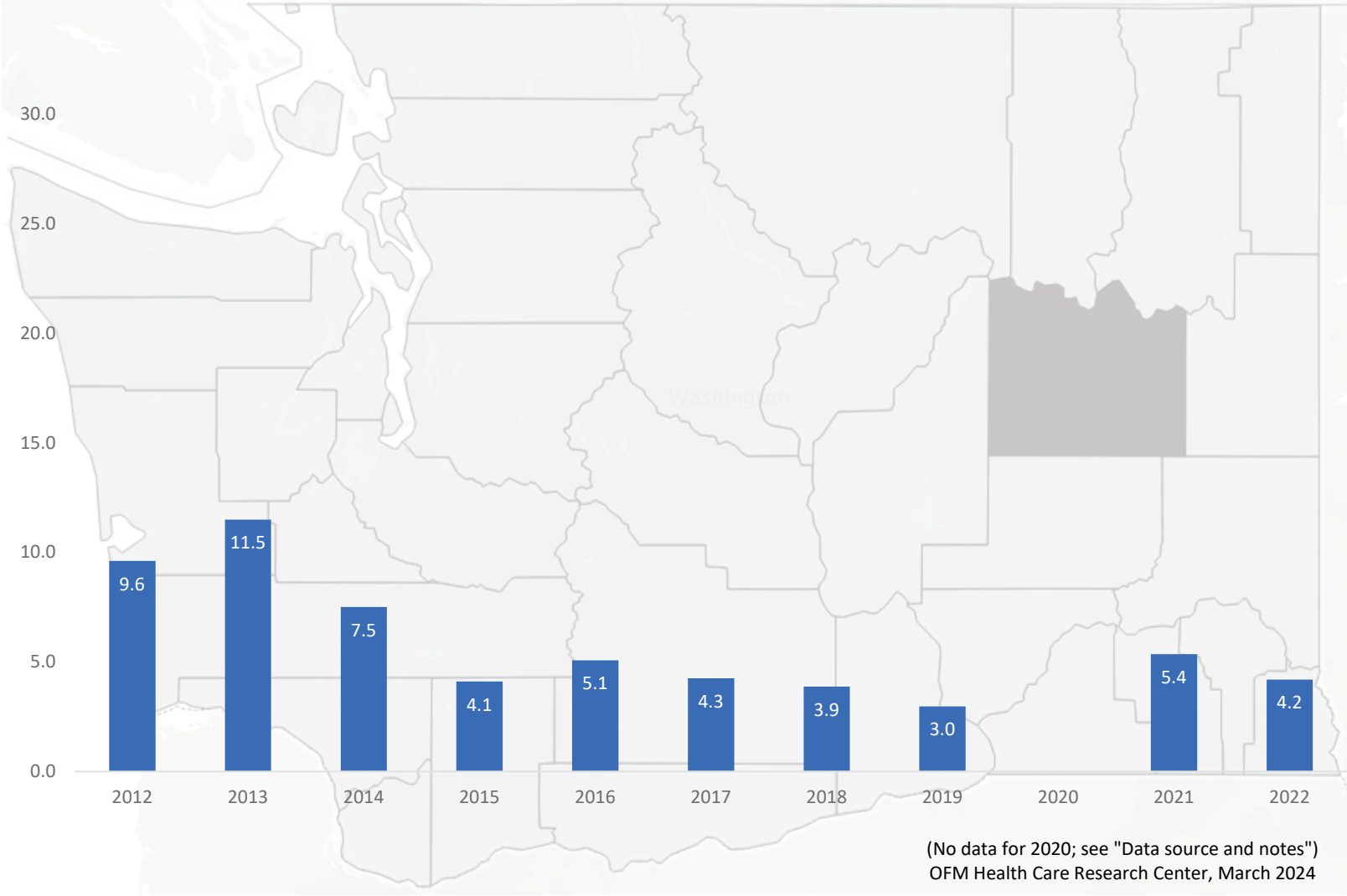
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Figure 31 - Percent Uninsured, Lewis County, 2012-19 and 2021-22



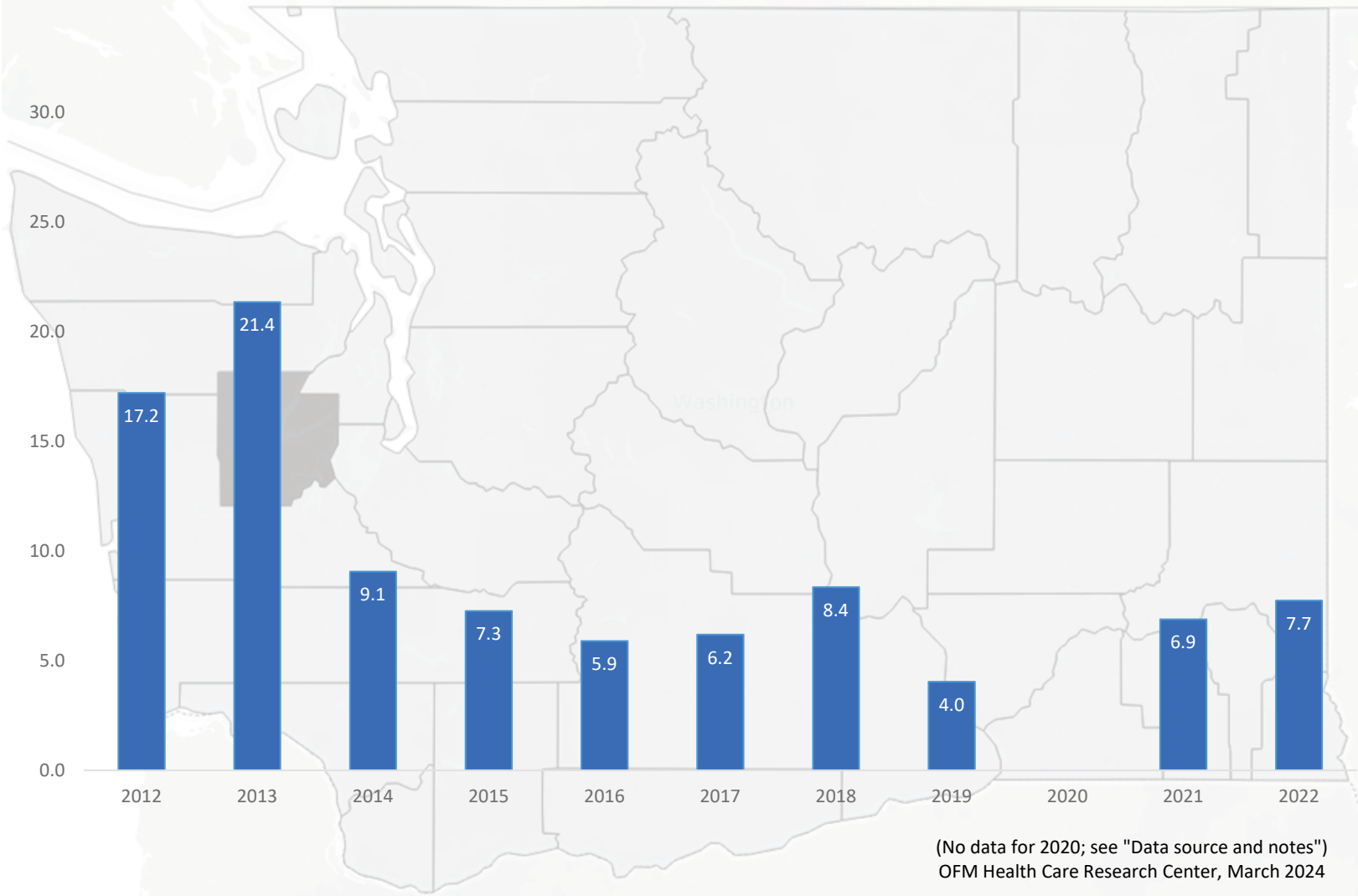
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Figure 32 - Percent Uninsured, Lincoln County, 2012-19 and 2021-22



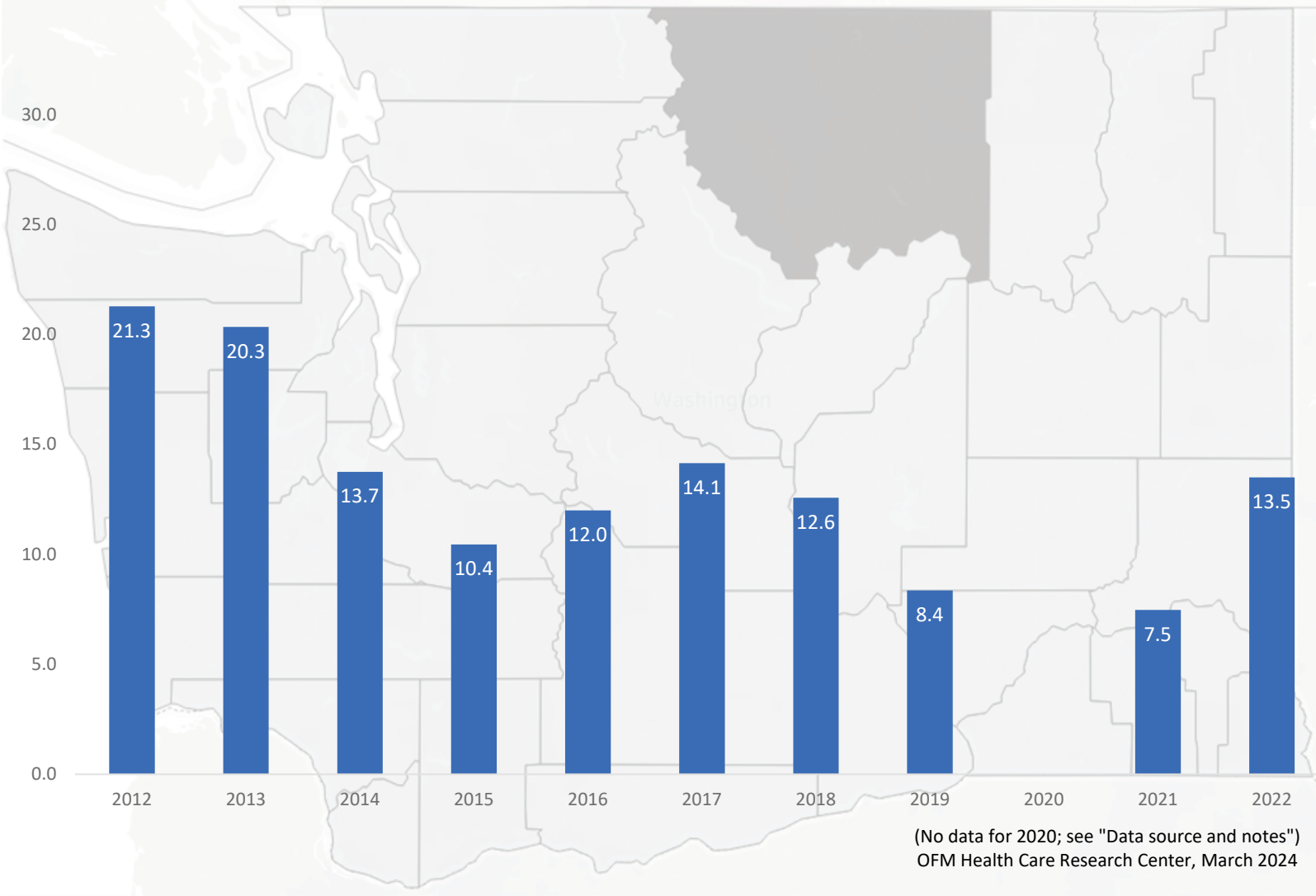
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Figure 33 - Percent Uninsured, Mason County, 2012-19 and 2021-22



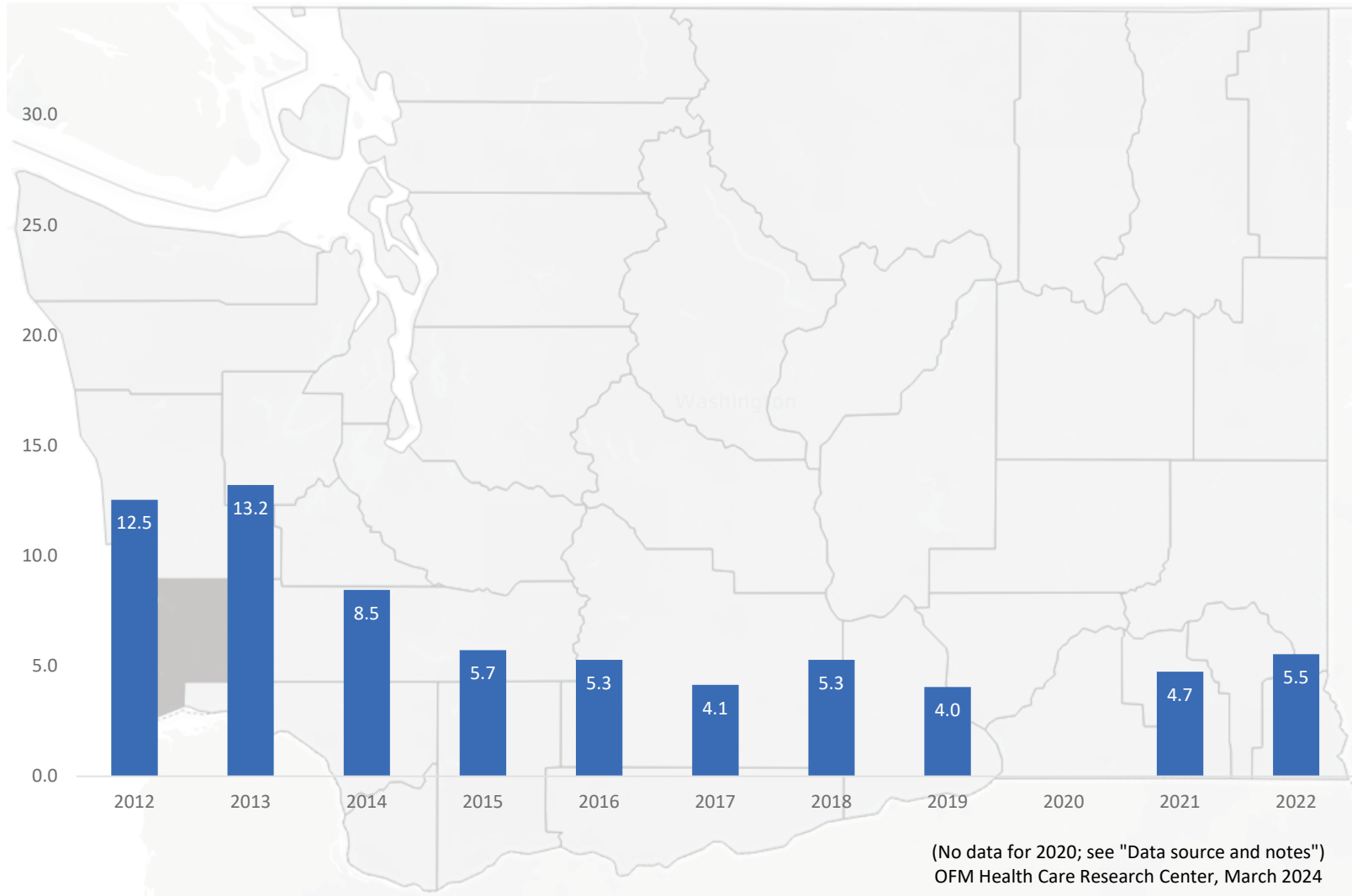
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Figure 34 - Percent Uninsured, Okanogan County, 2012-19 and 2021-22



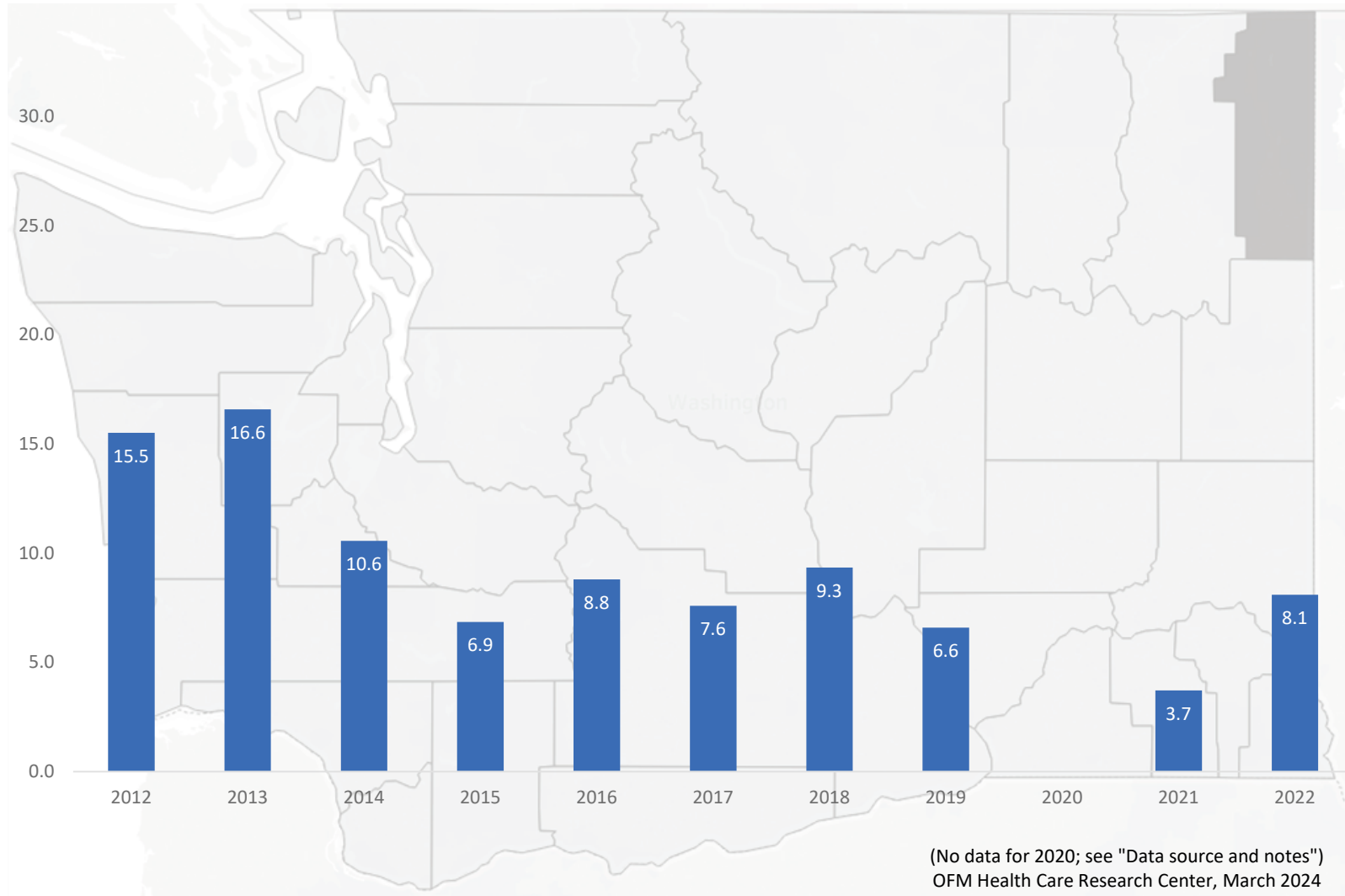
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Figure 35 - Percent Uninsured, Pacific County, 2012-19 and 2021-22



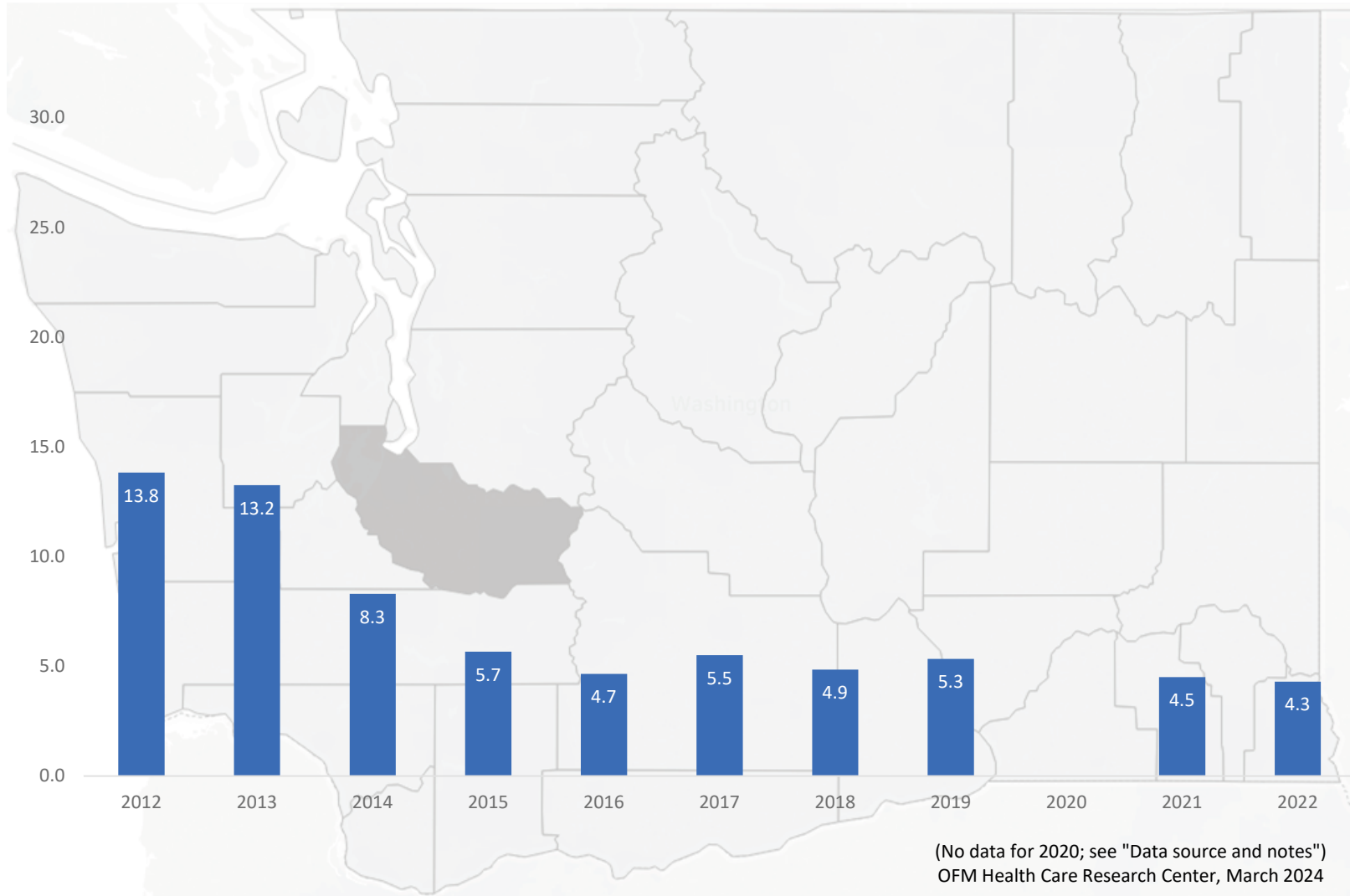
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Figure 36 - Percent Uninsured, Pend Oreille County, 2012-19 and 2021-22



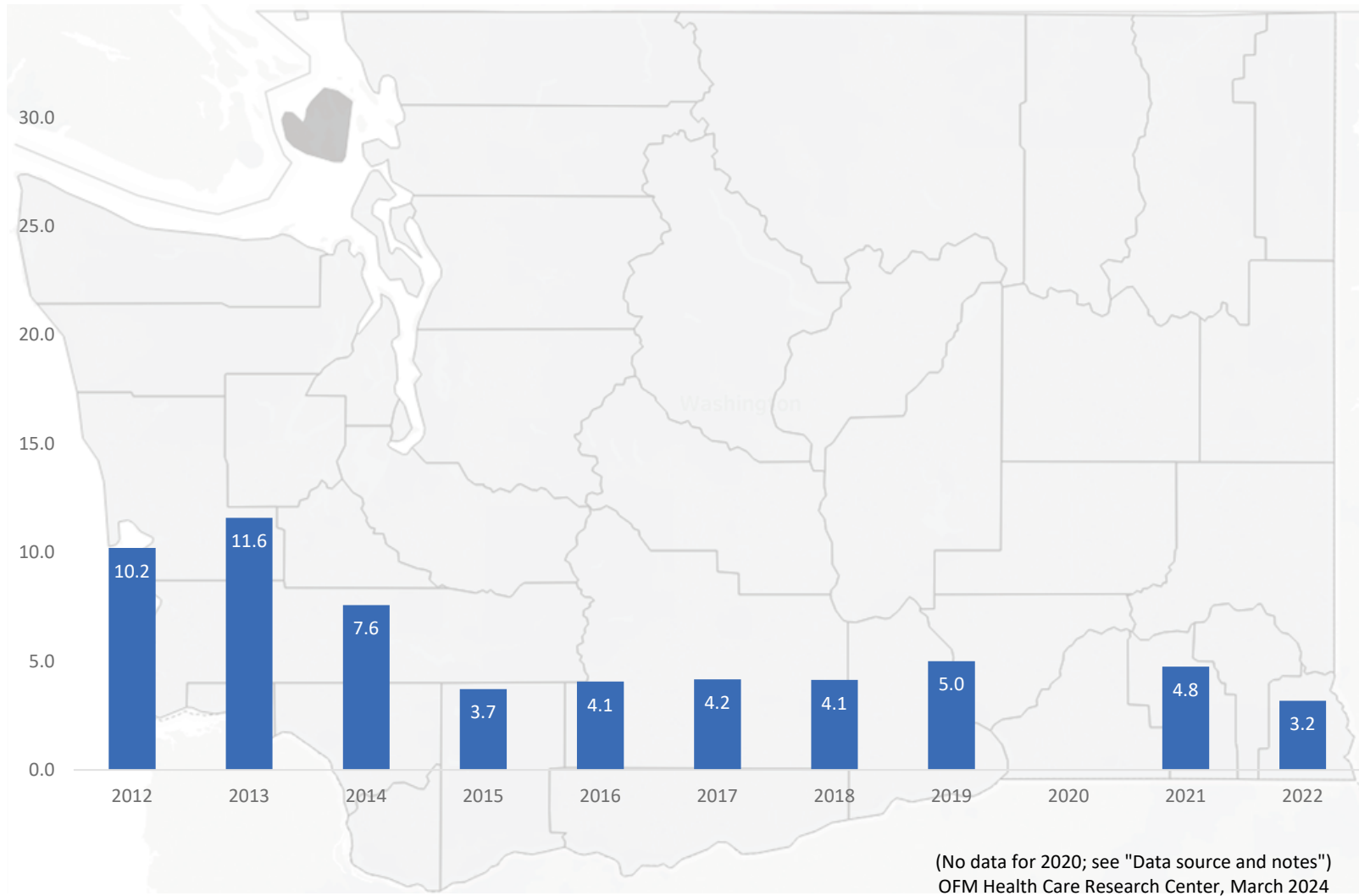
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Figure 37 - Percent Uninsured, Pierce County, 2012-19 and 2021-22



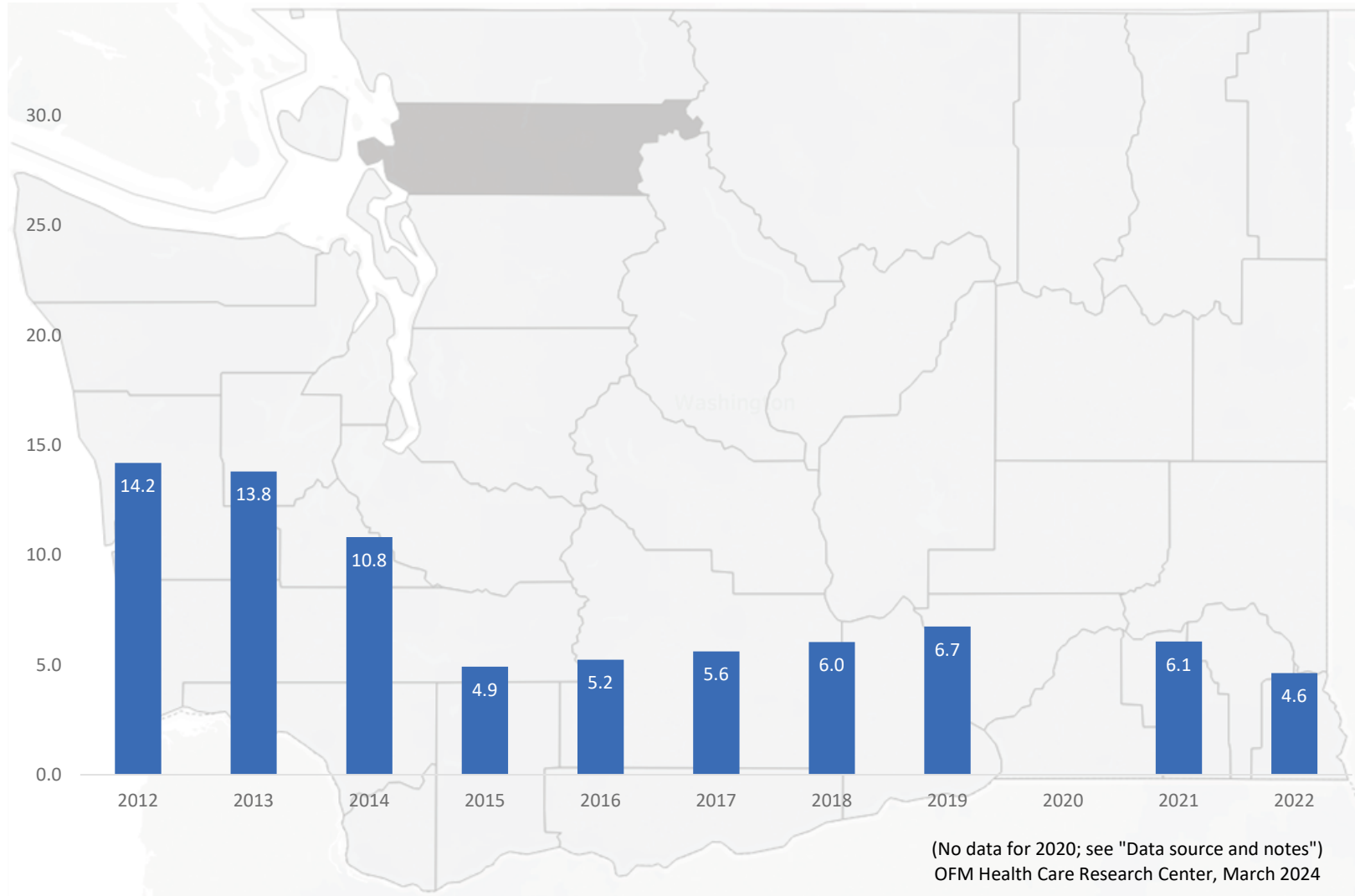
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Figure 38 - Percent Uninsured, San Juan County, 2012-19 and 2021-22



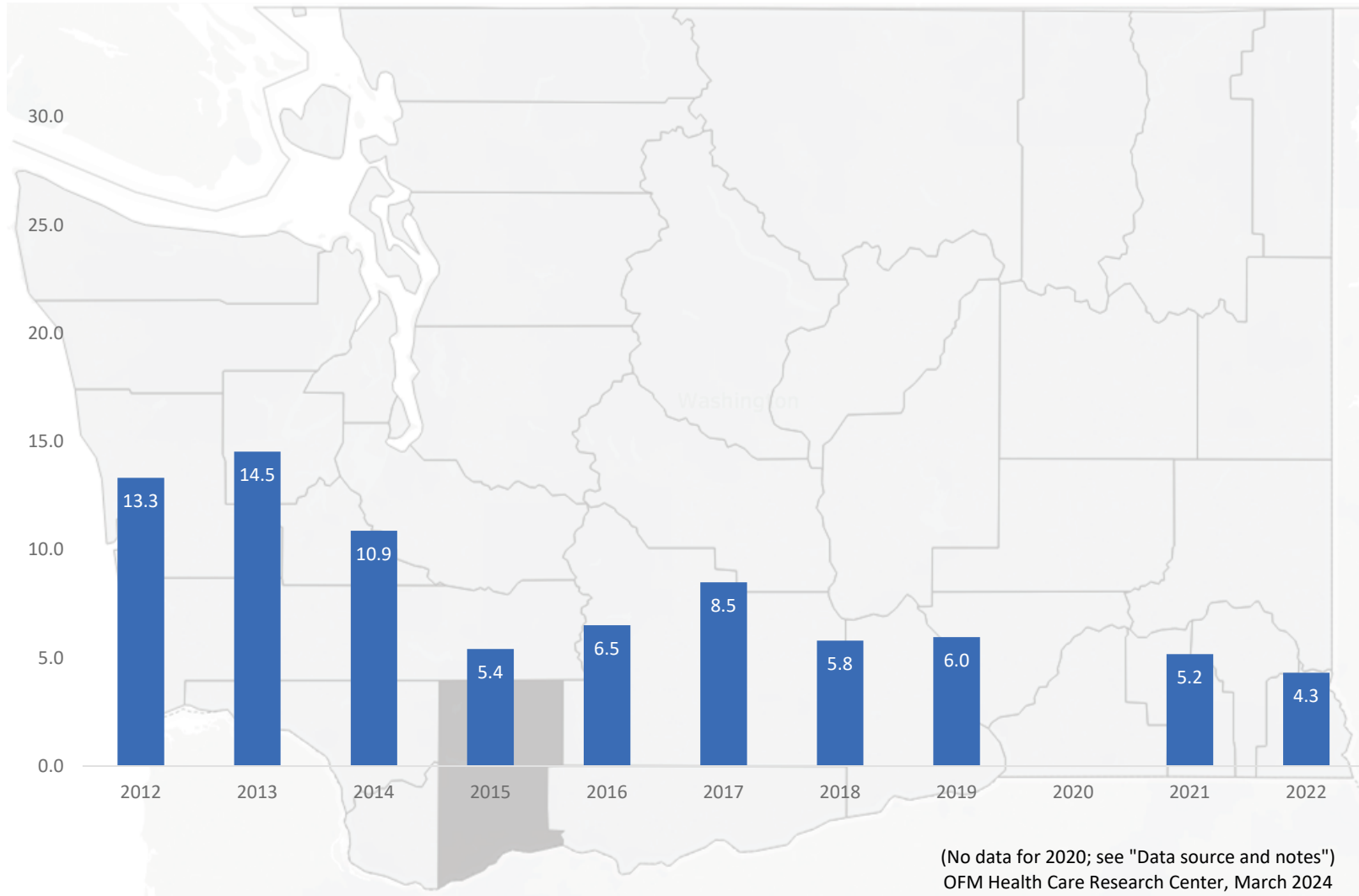
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Figure 39 - Percent Uninsured, Skagit County, 2012-19 and 2021-22



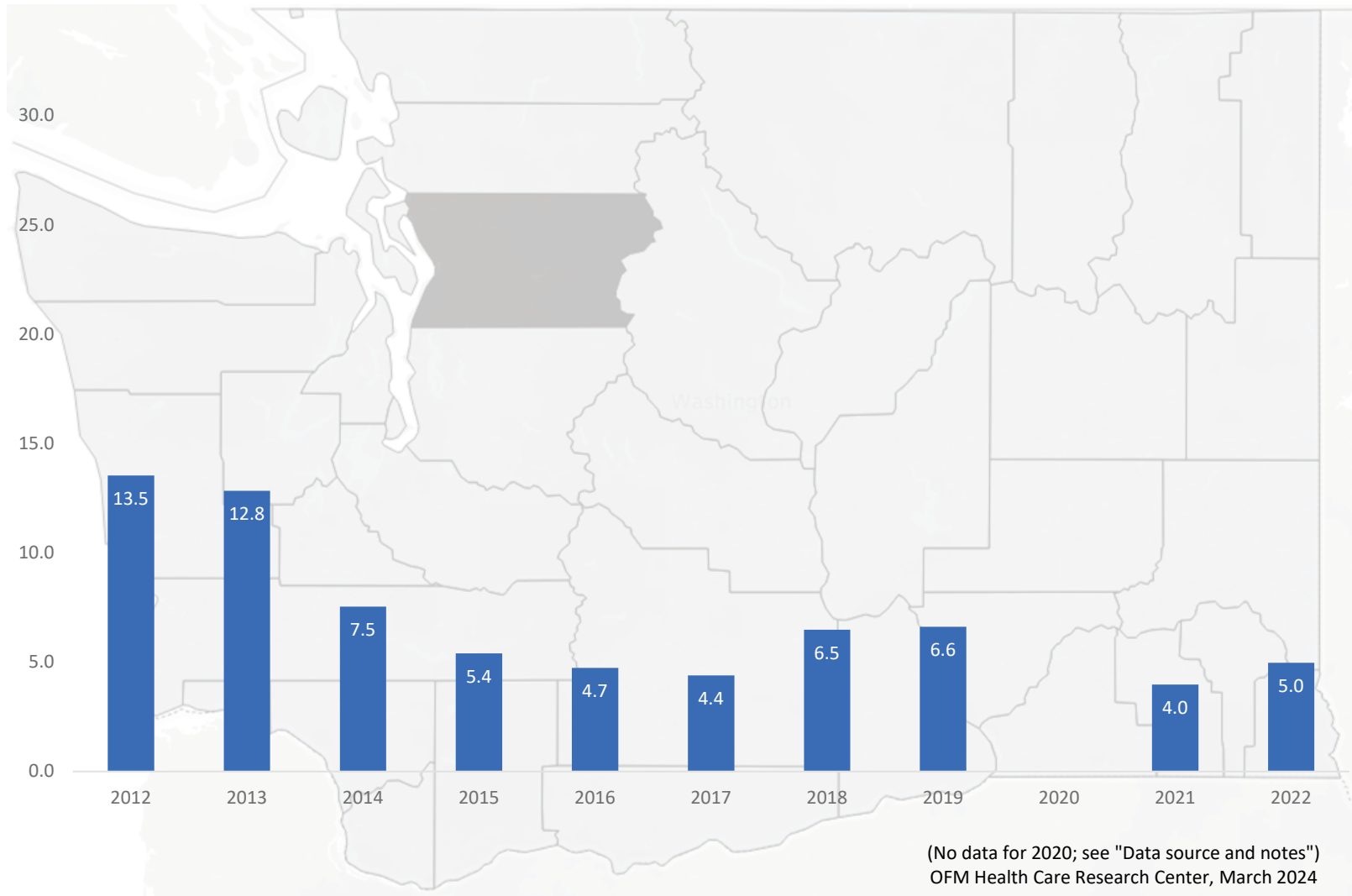
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Figure 40 - Percent Uninsured, Skamania County, 2012-19 and 2021-22



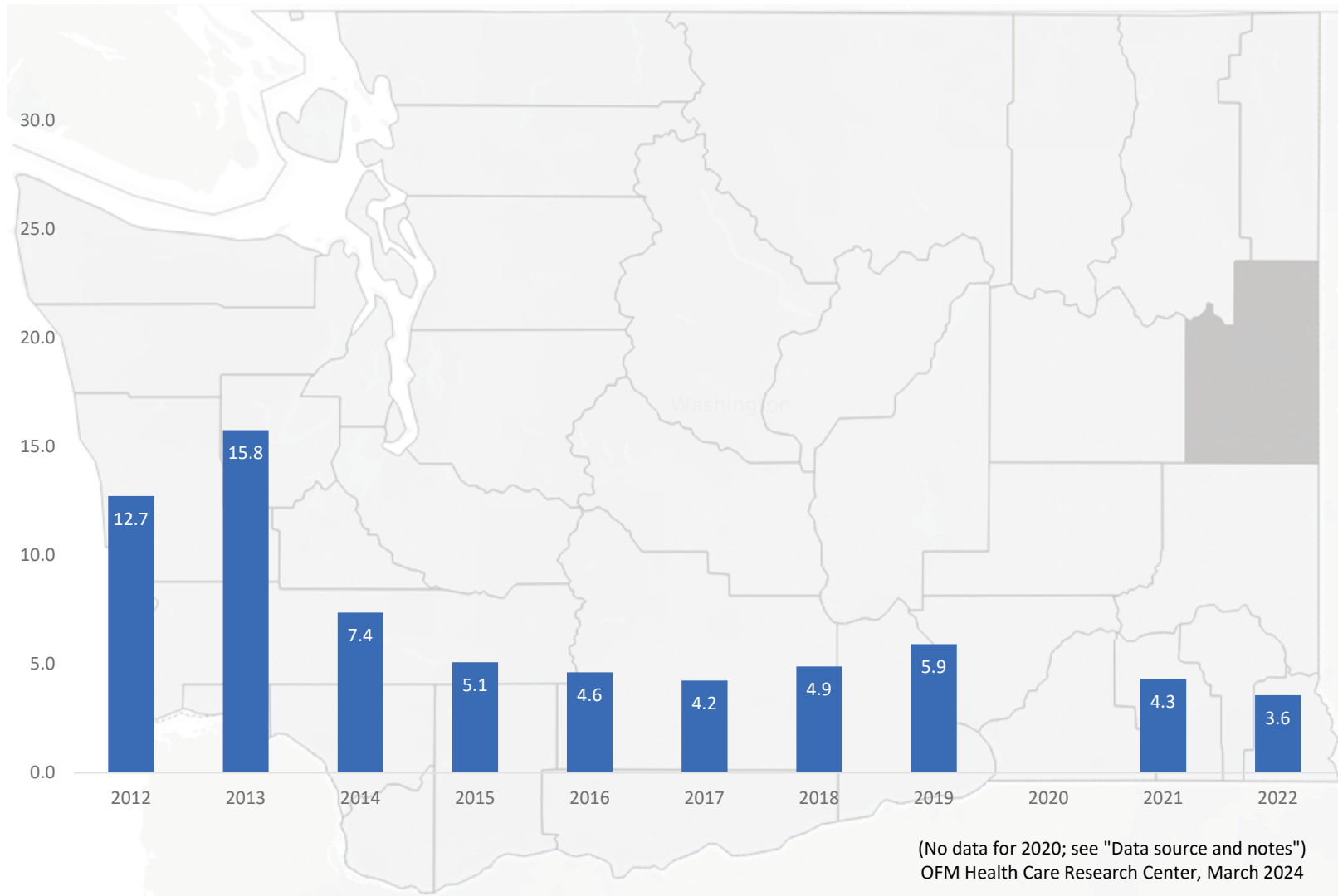
[\(Return to list\)](#)

Figure 41 - Percent Uninsured, Snohomish County, 2012-19 and 2021-22



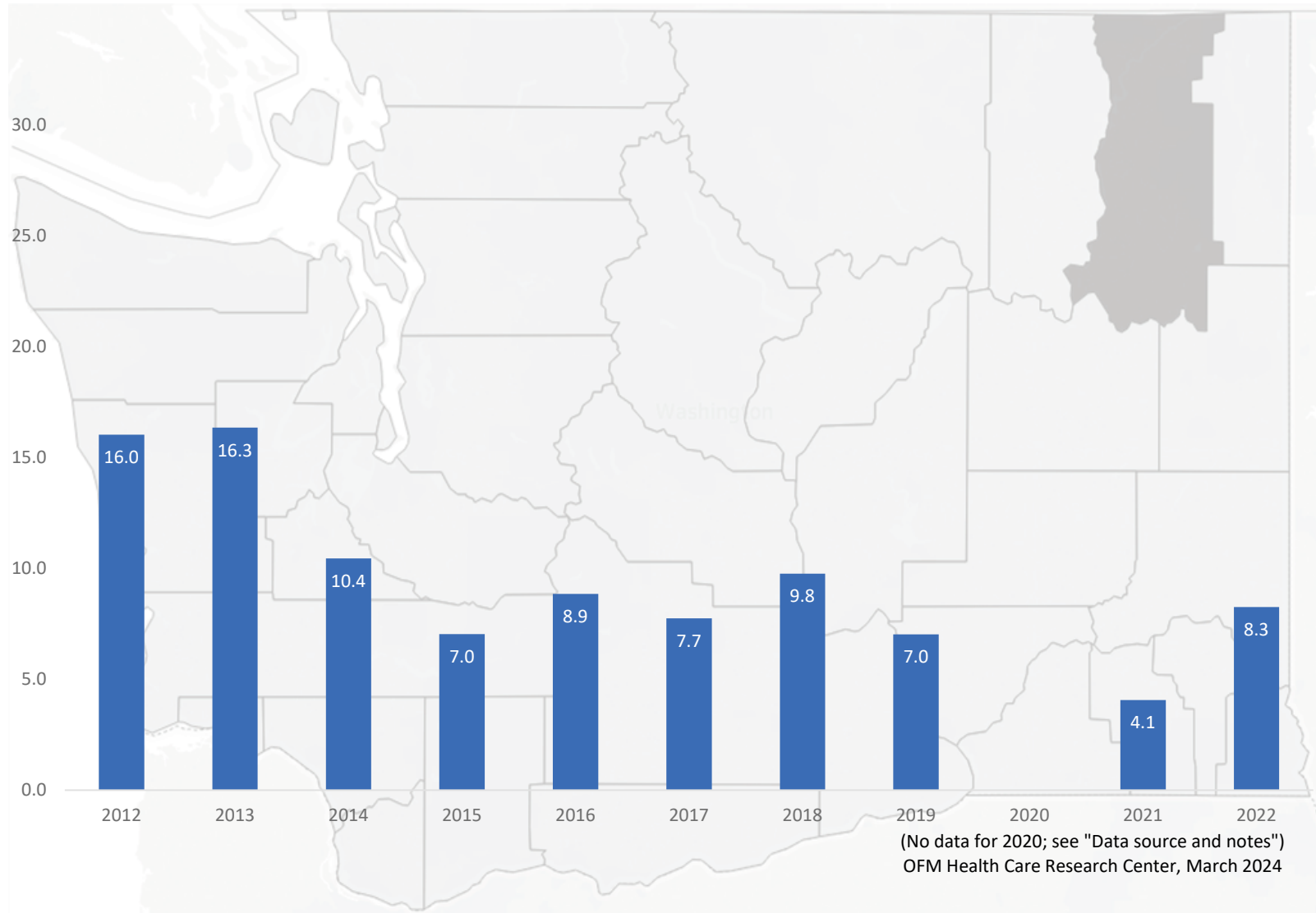
[\(Return to list\)](#)

Figure 42 - Percent Uninsured, Spokane County, 2012-19 and 2021-22



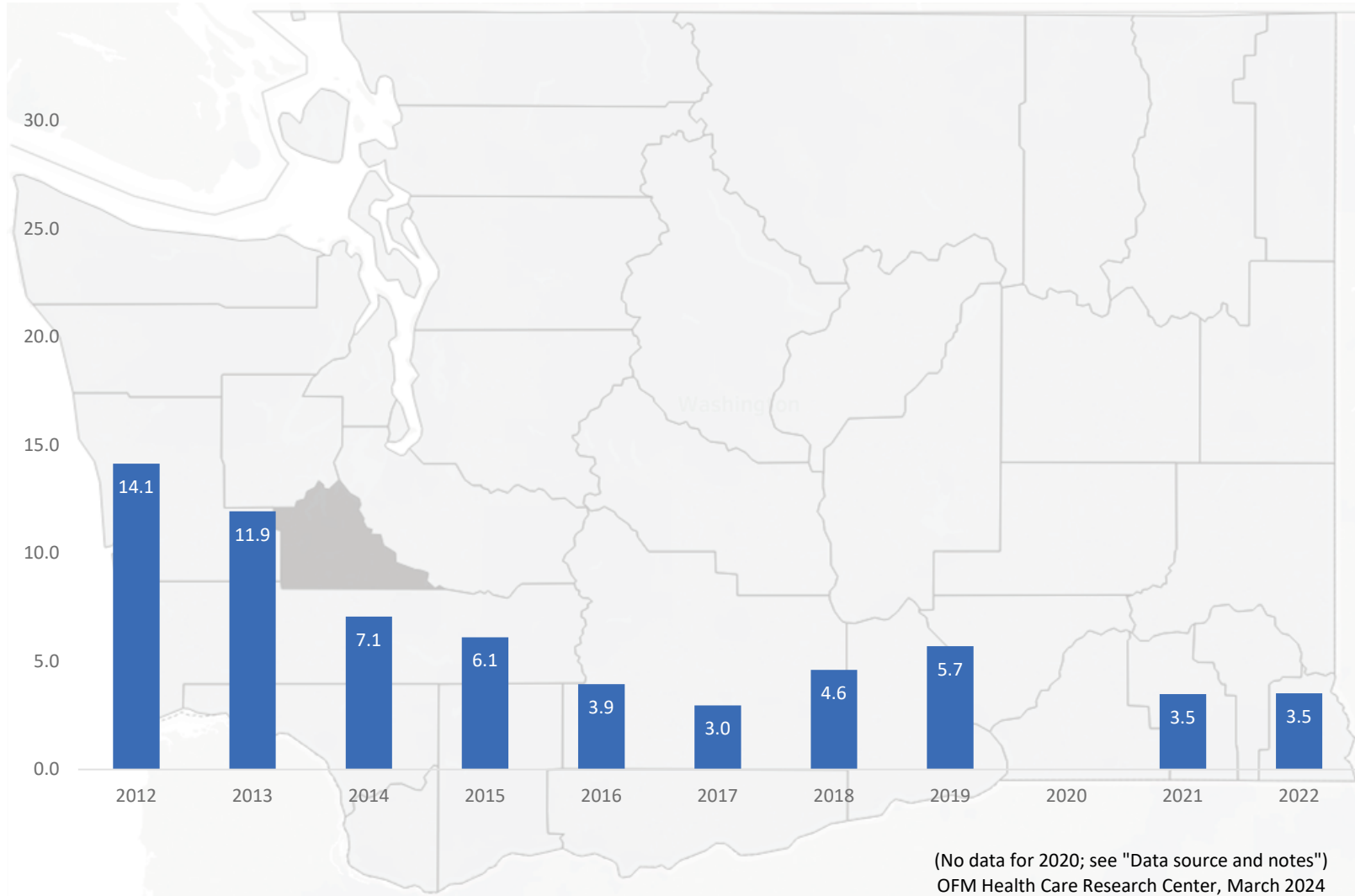
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Figure 43 - Percent Uninsured, Stevens County, 2012-19 and 2021-22



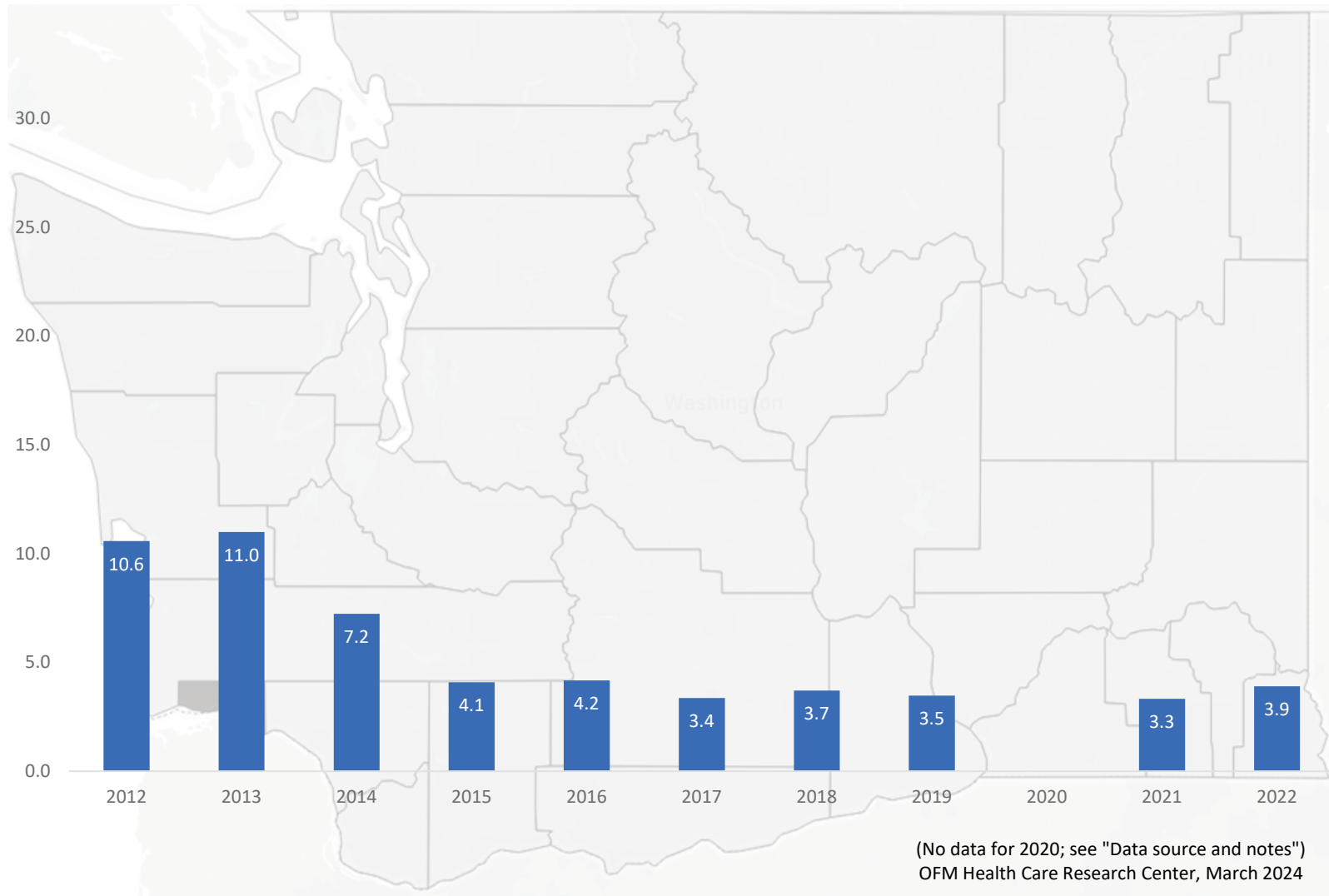
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Figure 44 - Percent Uninsured, Thurston County, 2012-19 and 2021-22



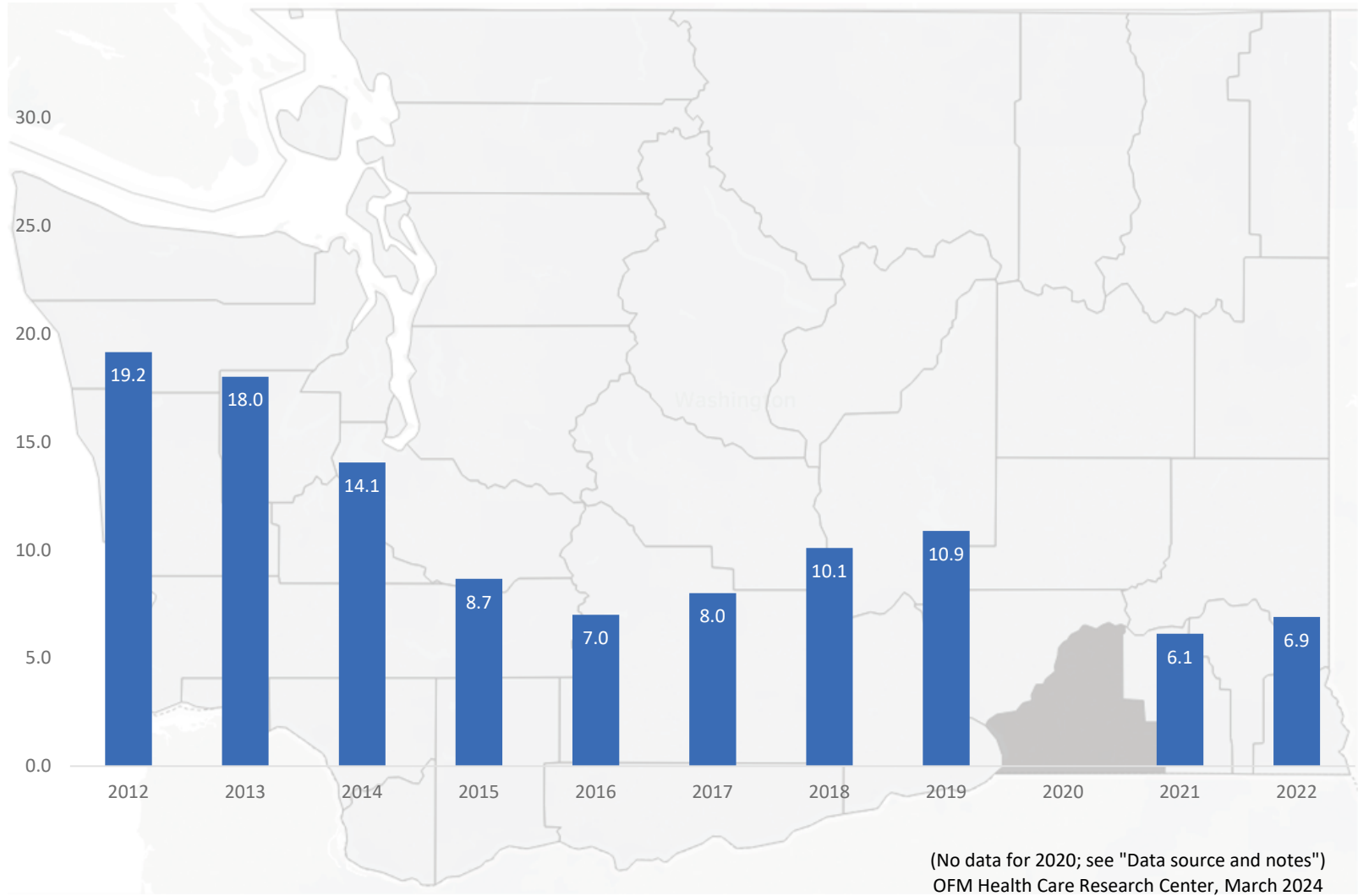
[\(Return to list\)](#)

Figure 45 - Percent Uninsured, Wahkiakum County, 2012-19 and 2021-22



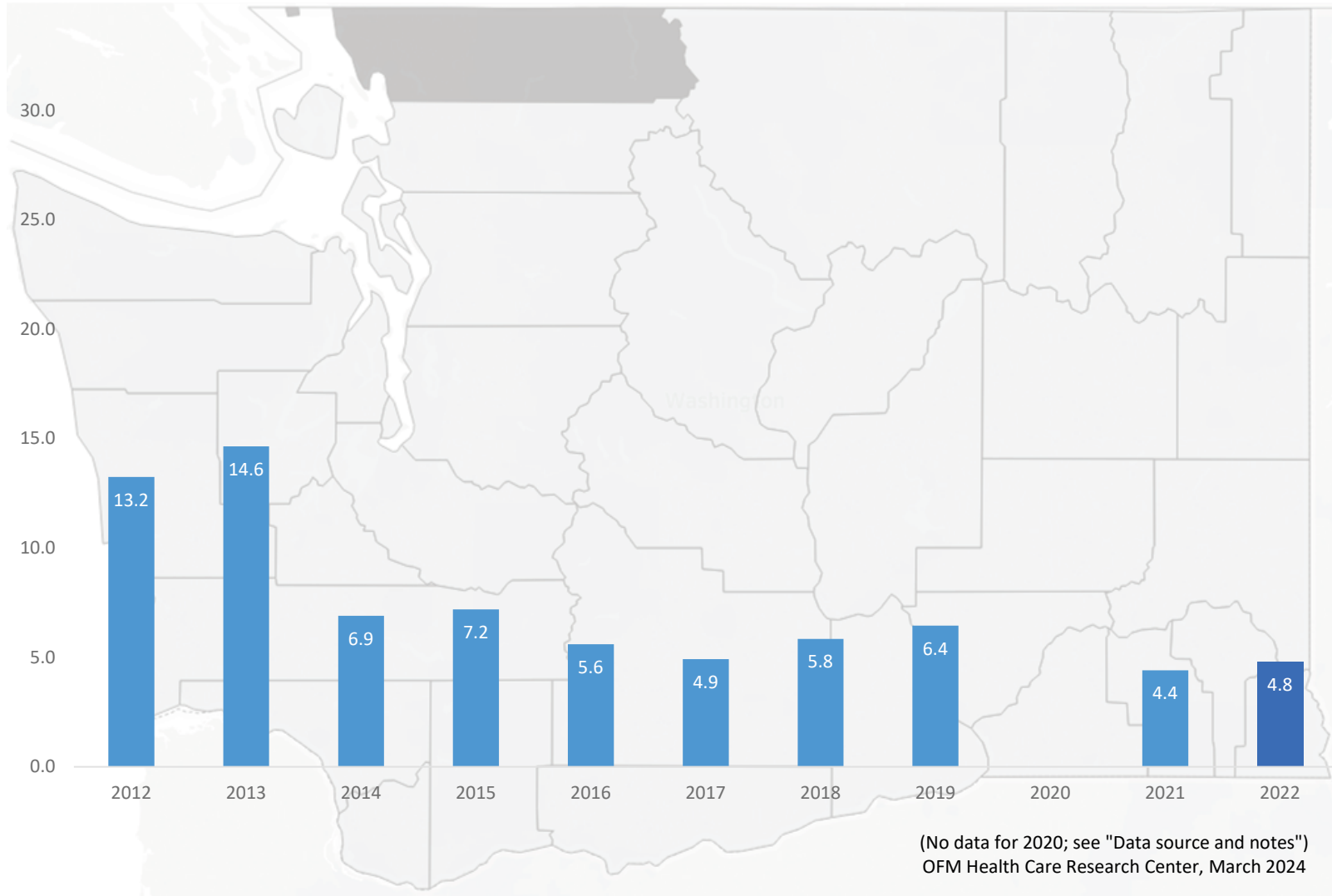
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Figure 46 - Percent Uninsured, Walla Walla County, 2012-19 and 2021-22



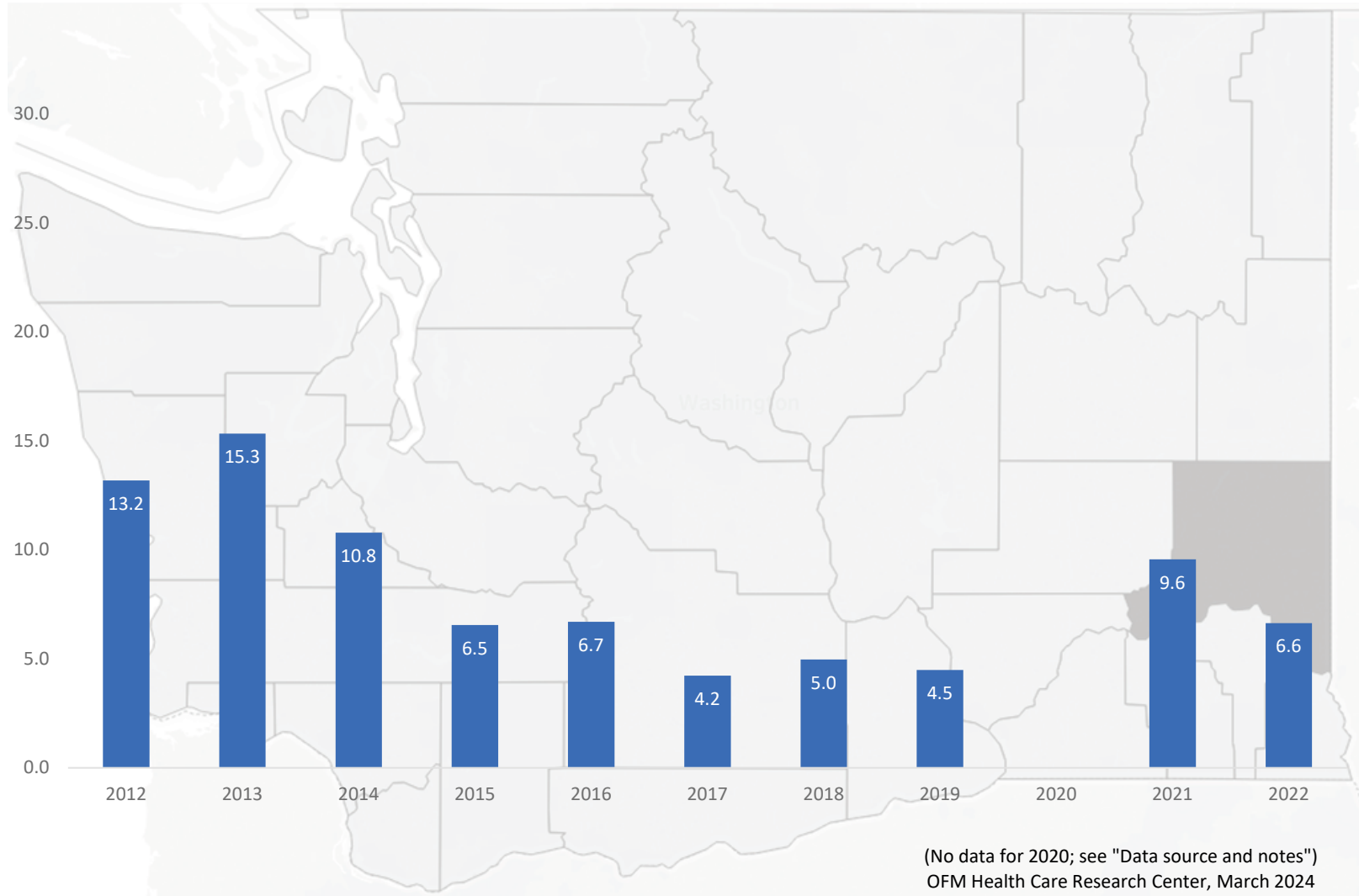
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Figure 47 - Percent Uninsured, Whatcom County, 2012-19 and 2021-22



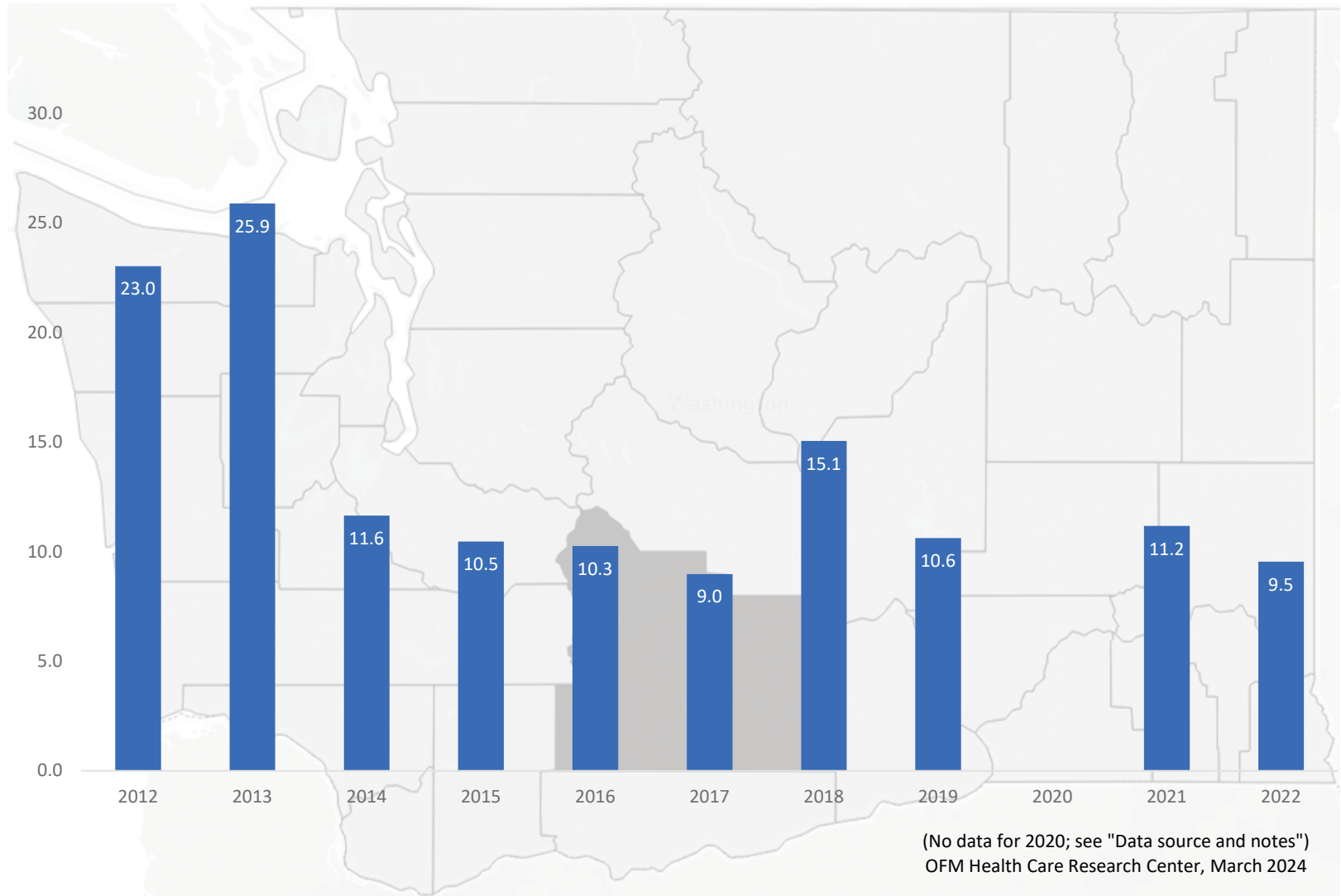
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Figure 48 - Percent Uninsured, Whitman County, 2012-19 and 2021-22



[\(Return to list\)](#)

Figure 49 - Percent Uninsured, Yakima County, 2012-19 and 2021-22



[\(Return to list\)](#)

Data source and notes

The data source we used for this report is the American Community Survey (ACS) 1-year Public Use Microdata Sample (PUMS) file for 2012 to 2019 and 2021 to 2022. Data for 2020 are not reported because of the 2020 ACS data quality issues.¹ While working with ACS data, OFM analysts uncovered a significant undercount of Medicaid enrollment in Washington starting in 2014, the year the Patient Protection and Affordable Care Act (ACA) first rolled out the Medicaid expansion program. We decided to adjust for the Medicaid undercount using administrative data from the Medicaid program.² We calculated estimates in this document using the original ACS 1-year PUMS for 2012 to 2013 and the adjusted ACS for 2014 to 2019 and 2021 to 2022.

This report also used the new methodology first applied in 2020 (for the report on county uninsured estimates in 2012 to 2018). Before the 2020 report, we generated estimates for ‘uninsured at the county level’ using the OFM County Population Estimate Model (CPEM). The CPEM is a synthesized data system that contains population counts of select population categories at the county level. The CPEM is constructed using the ACS 1-year PUMS and various OFM population projections.

We used the geography data field of Public Use Microdata Area (PUMA) in the ACS to allocate ACS distributions of health coverage and a few other population categories into counties in the CPEM system. Most of the PUMAs in the ACS correspond to a single county. For PUMAs that include more than one county, we performed the split of the PUMA estimates into the related counties using OFM population share estimates for the related counties.

The current methodology uses the same PUMA-county crosswalk in assigning counties to micro-records in ACS files. For records with PUMAs that each involve more than one county, we used a proportionate random imputation in the county assignment. In this case, county proportions of a PUMA are determined by OFM estimates for county population of select population categories. The output of the current methodology consists of the original ACS with the adjustment for undercount of Medicaid enrollment and the addition of the data field for county. We compiled all estimates for 2012 to 2019 and 2021 to 2022 in this report using the current methodology.

[\(Return to list\)](#)

¹ For more information on the 2020 data quality issues, see <https://ofm.wa.gov/sites/default/files/public/dataresearch/researchbriefs/brief106.pdf>.

² For more information on the adjustment, see https://ofm.wa.gov/sites/default/files/public/legacy/healthcare/healthcoverage/pdf/undercount_medicaid.pdf.

Appendix

County Uninsured Rate (Percent), Washington State, 2012-19 and 2021-22

| County | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|
| Adams | 23.3 | 18.0 | 16.7 | 18.2 | 15.9 | 12.9 | 14.5 | 7.4 | | 17.7 | 6.0 |
| Asotin | 10.5 | 12.2 | 8.9 | 4.4 | 5.5 | 4.0 | 4.3 | 2.7 | | 5.9 | 4.4 |
| Benton | 13.0 | 16.9 | 8.5 | 3.4 | 4.8 | 5.3 | 4.8 | 6.1 | | 2.8 | 3.0 |
| Chelan | 16.0 | 19.7 | 11.8 | 6.1 | 6.2 | 10.0 | 10.6 | 10.4 | | 11.1 | 6.0 |
| Clallam | 14.5 | 15.5 | 11.1 | 6.9 | 7.0 | 7.4 | 8.3 | 9.1 | | 6.1 | 4.5 |
| Clark | 13.4 | 12.5 | 8.6 | 6.6 | 4.6 | 5.1 | 6.1 | 5.5 | | 6.8 | 4.1 |
| Columbia | 11.2 | 12.2 | 8.9 | 4.3 | 5.8 | 4.0 | 4.6 | 3.0 | | 5.9 | 4.3 |
| Cowlitz | 14.5 | 14.8 | 9.7 | 6.4 | 5.5 | 4.4 | 5.8 | 5.0 | | 5.1 | 5.7 |
| Douglas | 16.7 | 20.8 | 12.6 | 6.4 | 7.0 | 10.6 | 11.7 | 11.7 | | 12.2 | 6.2 |
| Ferry | 16.9 | 18.0 | 11.8 | 8.5 | 9.8 | 8.5 | 10.9 | 7.3 | | 4.3 | 2.4 |
| Franklin | 19.5 | 20.7 | 17.1 | 11.0 | 12.5 | 10.3 | 14.5 | 16.9 | | 10.8 | 10.5 |
| Garfield | 10.1 | 12.5 | 8.5 | 4.0 | 4.9 | 3.6 | 4.4 | 1.9 | | 5.5 | 3.9 |
| Grant | 19.2 | 23.8 | 16.6 | 14.7 | 13.2 | 11.3 | 11.9 | 13.8 | | 11.1 | 9.9 |
| Grays Harbor | 18.1 | 22.2 | 9.5 | 7.8 | 6.8 | 6.7 | 9.1 | 4.5 | | 7.3 | 8.4 |
| Island | 11.1 | 12.8 | 8.9 | 4.5 | 4.3 | 4.4 | 4.2 | 5.3 | | 4.9 | 3.8 |
| Jefferson | 12.9 | 14.5 | 9.3 | 6.2 | 5.3 | 6.5 | 7.7 | 6.9 | | 5.1 | 3.8 |
| King | 12.1 | 11.8 | 6.6 | 4.5 | 4.5 | 5.3 | 5.1 | 5.0 | | 4.7 | 3.8 |
| Kitsap | 12.1 | 10.6 | 5.2 | 4.9 | 5.7 | 2.6 | 4.6 | 3.9 | | 3.9 | 4.7 |
| Kittitas | 13.8 | 20.1 | 9.5 | 10.0 | 8.1 | 5.9 | 5.7 | 7.4 | | 7.3 | 4.2 |
| Klickitat | 13.8 | 14.5 | 11.3 | 6.4 | 5.8 | 9.3 | 6.5 | 5.9 | | 5.5 | 5.1 |
| Lewis | 14.5 | 14.9 | 11.9 | 6.0 | 6.3 | 8.7 | 6.4 | 6.1 | | 5.8 | 5.0 |

(continued on next page)

[\(Return to list\)](#)

County Uninsured Rate (Percent), Washington State, 2012-19 and 2021-22 (continued)

| County | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|
| Lincoln | 9.6 | 11.5 | 7.5 | 4.1 | 5.1 | 4.3 | 3.9 | 3.0 | | 5.4 | 4.2 |
| Mason | 17.2 | 21.4 | 9.1 | 7.3 | 5.9 | 6.2 | 8.4 | 4.0 | | 6.9 | 7.7 |
| Okanogan | 21.3 | 20.3 | 13.7 | 10.4 | 12.0 | 14.1 | 12.6 | 8.4 | | 7.5 | 13.5 |
| Pacific | 12.5 | 13.2 | 8.5 | 5.7 | 5.3 | 4.1 | 5.3 | 4.0 | | 4.7 | 5.5 |
| Pend Oreille | 15.5 | 16.6 | 10.6 | 6.9 | 8.8 | 7.6 | 9.3 | 6.6 | | 3.7 | 8.1 |
| Pierce | 13.8 | 13.2 | 8.3 | 5.7 | 4.7 | 5.5 | 4.9 | 5.3 | | 4.5 | 4.3 |
| San Juan | 10.2 | 11.6 | 7.6 | 3.7 | 4.1 | 4.2 | 4.1 | 5.0 | | 4.8 | 3.2 |
| Skagit | 14.2 | 13.8 | 10.8 | 4.9 | 5.2 | 5.6 | 6.0 | 6.7 | | 6.1 | 4.6 |
| Skamania | 13.3 | 14.5 | 10.9 | 5.4 | 6.5 | 8.5 | 5.8 | 6.0 | | 5.2 | 4.3 |
| Snohomish | 13.5 | 12.8 | 7.5 | 5.4 | 4.7 | 4.4 | 6.5 | 6.6 | | 4.0 | 5.0 |
| Spokane | 12.7 | 15.8 | 7.4 | 5.1 | 4.6 | 4.2 | 4.9 | 5.9 | | 4.3 | 3.6 |
| Stevens | 16.0 | 16.3 | 10.4 | 7.0 | 8.9 | 7.7 | 9.8 | 7.0 | | 4.1 | 8.3 |
| Thurston | 14.1 | 11.9 | 7.1 | 6.1 | 3.9 | 3.0 | 4.6 | 5.7 | | 3.5 | 3.5 |
| Wahkiakum | 10.6 | 11.0 | 7.2 | 4.1 | 4.2 | 3.4 | 3.7 | 3.5 | | 3.3 | 3.9 |
| Walla Walla | 19.2 | 18.0 | 14.1 | 8.7 | 7.0 | 8.0 | 10.1 | 10.9 | | 6.1 | 6.9 |
| Whatcom | 13.2 | 14.6 | 6.9 | 7.2 | 5.6 | 4.9 | 5.8 | 6.4 | | 4.4 | 4.8 |
| Whitman | 13.2 | 15.3 | 10.8 | 6.5 | 6.7 | 4.2 | 5.0 | 4.5 | | 9.6 | 6.6 |
| Yakima | 23.0 | 25.9 | 11.6 | 10.5 | 10.3 | 9.0 | 15.1 | 10.6 | | 11.2 | 9.5 |
| State | 13.8 | 14.1 | 8.2 | 5.8 | 5.4 | 5.5 | 6.2 | 6.1 | | 5.3 | 4.7 |

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[\(Return to list\)](#)